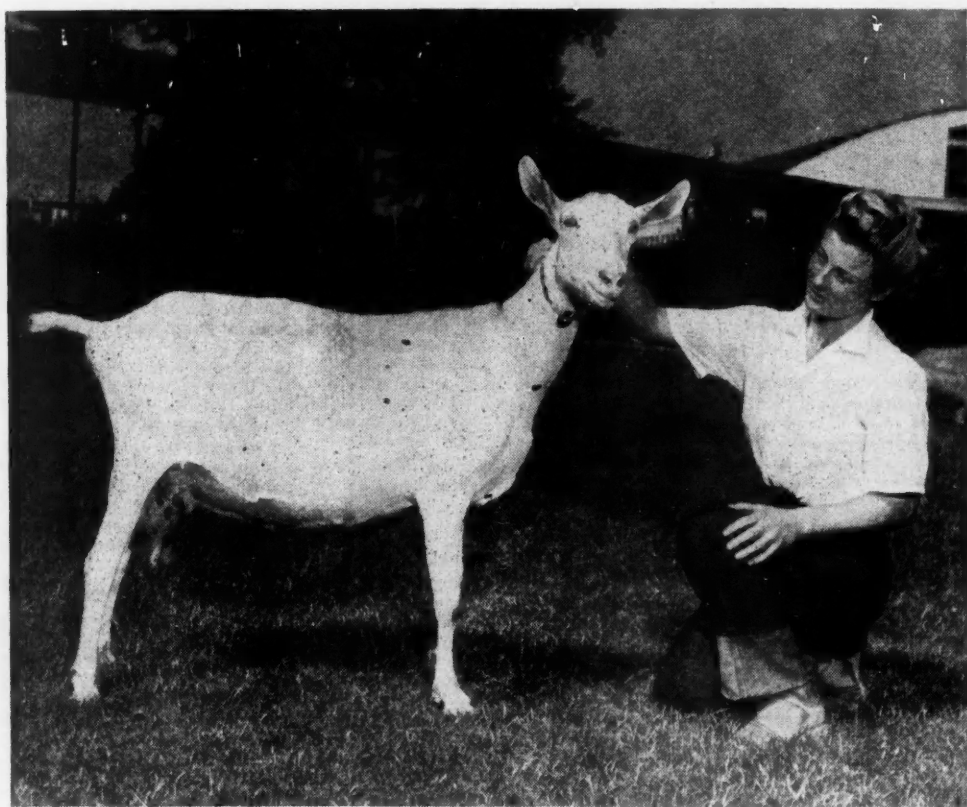


Dairy Goat *Journal*

MORE THAN A MAGAZINE—
It's an institution, a service



Mel-O-Roy's Snookums, first prize 3-year-old Sàanen doe at California fairs, bred and owned by LeRoy and Melvina Nordfelt, Ripon, Calif., is displayed by Mrs. Mark Rose of Dolly-Mark Ranch, Santa Rosa, Calif. This picture, taken immediately after milking, shows how well the udder of a heavy producer milks out.

Published Monthly Since 1923
COLUMBIA, MISSOURI, U.S.A.

November 1953

3 years \$2, 1 year \$1, 20c copy
Volume 31, Number 11

"There was never a war at arms that was not merely the extension of a preceding war of commerce grown fiercer until the weapons of commerce seemed no longer sufficiently deadly.—GEN. HUGH S. JOHNSON.

Where is unification?

Considerable comment has appeared about the possibilities of getting the two dairy goat registry associations into one. There has been much talk, but for some years there has been no action nor any particular progress toward action.

Those who are interested in such a forward step will be particularly interested in the resolution passed at the annual meeting of the American Milk Goat Record Assn., which opens the door wide to such actions in the future. This resolution reads:

WHEREAS, it is the apparent sense of the goat industry that a unification of the registries in the United States is desirable, and even essential for the progress of the industry, and

WHEREAS, the American Milk Goat Record Assn. was founded and has been developed for the express purpose of furthering all actions that will enhance the dairy goat in America, and

WHEREAS, the American Milk Goat Record Assn. has maintained a constant interest in such unification, therefore

BE IT RESOLVED that the American Milk Goat Record Assn. will continue to work toward the ultimate unification of the associations and that it shall pursue such policies of good will and cooperation that shall tend to build bridges of communication and confidence between any and all factions and between the registry associations, and

BE IT FURTHER RESOLVED, that if at any time other registries express a similar desire for cooperation and ultimate amalgamation, that the president of the American Milk Goat Record Assn. shall hereby be empowered to appoint a committee to carry on conversations and negotiations which may lead to such a unification.

Whatever may develop beyond this point depends largely upon the interest and perhaps even upon the insistence of the membership at large. This action can be carried to its ultimate conclusion; the question is if it will be done.

Why did one sell?

Two long established goat dairies have had to be sold recently. One had to be sold because of the death of the owner; the other had to be sold because of condemnation proceedings of the dairy property for a new highway, and the owner decided to retire on the profits made from his dairy though the years.

One dairy sold the very same day the advertisement came out in Dairy Goat Journal; the other is unsold after some 60 days. There are some circumstances involved that do not permit over-simplification of an explanation, but it is notable that one of these dairies has kept its name before the public over the years. Advertising, pictures, news stories of this dairy have all appeared in Dairy Goat Journal. The other one is almost unknown to goat owners over the country. Guess which one sold and which has not!

When the one dairy advertised its surplus kids for sale, for instance, it was probably not thinking much of the day of ultimate dispersal. Yet

the cumulative effect of these years of advertising paid off handsomely when a quick sale was needed.

It is mighty good

The California Goat Dairymen's Assn. sent 3 cases of its evaporated goat milk to be passed out as samples at the annual meeting of the American Milk Goat Record Assn. Probably everyone sampled it with a bit of hesitancy, bearing in mind past experiences with processed goat milk with a flavor considerably less than desirable.

It no doubt speaks for everyone who tried this milk—whether under the Capri or Miracle brand—to say that it is the finest flavored sample of evaporated goat milk yet produced. It speaks well for those who produce the milk, for only when high quality milk is secured from the goats, when the milk is carefully handled at every step, can the ultimate product reach a high standard such as shown in these samples.

Capri and Miracle brand evaporated goat milk deserve the approbation of all for proving just how good goat milk can be!

Come again, folks

The whole staff of Dairy Goat Journal had a grand time when all of you who attended the AMGRA annual meeting came to Columbia and gave us the privilege of shaking your hands and getting to know you. We had been looking forward to this for a long time. It was a great experience for us; we feel a wee bit lost now that it is over.

So, "Thanks for coming. And may your next visit, individually or as a group, not be delayed so long."

Unthrifty goat

When one writes Dairy Goat Journal expecting a pat answer to every problem we know the reply must often be disappointing. For instance, if a person wrote in wanting to know why a young doe was unthrifty in spite of good care he would probably get the usual answer to check for parasites, musty or spoiled feeds and so on. In most cases this would be a good suggestion; yet we know there are enough exceptions that our replies must be, at best, suggestions.

For instance, if Mrs. May Garfield, San Diego, Calif., had written us about her 7-month-old doe which was unthrifty and had a poor appetite we'd have answered about as indicated. Even if she had mentioned a small lump on the ribs it probably would not have changed the letter much—unless a warning to check for lymphadenitis or actinomycosis.

Mrs. Garfield, however, didn't even write us. She just clipped the area around the lump to inspect it more closely, and noted a small red spot

in the center. In a few days she was surprised to find a sewing needle protruding from the bump—a needle which was sent to us, 1 9/16 in. long. The needle was extracted and in a few days the kid was eating well, picked up in flesh and is doing fine.

Quite possibly this needle was eaten by the doe, punctured the stomach and worked its way to the outside—fortunately missing vital organs in its journey.

But how would you diagnose such a case?

Want to buy goat milk?

Do you have milk customers going on a visit or moving who want to know where to get goat milk? We're glad to help anyone secure a source of supply; and while we know our list of several hundred goat dairies is far from complete, we do know of goat owners in almost every community who can help your customer get at least a temporary supply of goat milk.

No obligation. Just write us, with a stamp for reply.

Atrocities

Has your hair stood on end reading atrocity stories in the papers? Some of the juiciest ones yet came out the other day—and then the date was pointed out as being in the 1860's, and some of them were in papers from the South telling of the barbaric atrocities of the North, and others were in Northern papers telling of the sadism of the South "not equalled even in remotest Fiji."

We smile at this 90-year-old propaganda, and come up with a start against today's headlines. What can a man believe?

What would happen if we started talking about the good in other people and peoples?

Dairy Goat Journal

The Business Paper of the
Dairy Goat Industry Since 1923
COLUMBIA, MISSOURI

Published on the twentieth of each month preceding date.

Carl A. Leach, editor.

Dr. C. E. Leach, publisher.

Bart E. Strnad, mechanical superintendent.

Entered as second class matter at the post office at Columbia, Mo., under the act of Congress of Mar. 1, 1878.

Subscription rates: U.S. and Possessions, Canada, Mexico, Central America, 5 yrs. \$3; 3 yrs. \$2; 1 yr. \$1.20c a copy. Other countries, 3 yrs. \$2.50, 1 yr. \$1.50. Remit by money order or draft on a bank in the U.S. payable in U.S. funds. Subscriptions must be paid for in advance.

Renewals: Subscriptions stop promptly on expiration. Date of expiration is shown on the address label and is receipt for subscription. Allow four weeks for recording of subscriptions.

Permission to reproduce any printed text in this issue is granted, provided credit for each item reproduced is given Dairy Goat Journal.



You Said It

Your comments, criticisms, suggestions are invited for this department of communications from Dairy Goat Journal readers—just make them short and to the point, with a limit of not more than 200 words.

Helpful neighbor

Recent issues of Dairy Goat Journal came to me via the neighbor across the road. He has goats and induced me to drink the milk for a stomach ailment. It has been very helpful to me.

Any publication with progressive tendencies in America is pretty well drowned out these days by the clamor of the McCarthyites. Therefore, a publication such as yours that evidences straightforward thinking on domestic and forward policies is worthy of encouragement and support. . . . enclosed is my subscription.—L. R. Carson, Edina, Mo.

Both good and poor

After buying my first bred doe a year ago I was ready to throw the goat idea out of the window, but then I got Dairy Goat Journal and it made me realize that there are both good and poor goats—and I am working toward some of the better ones now.

One thing I can't understand: Why do breeders put up with 2 record associations?—Elmer Sandahl, Vining, Minn.

Proverbs 27:27

The Bible, in Proverbs 27:27, specifically recommends goat milk for virgins. I note in Dairy Goat Journal it has been helpful to many cases of disease. Is there information to the effect of goat milk on middle-aged individuals, and on those with hardening of the arteries or arteriosclerosis?—Merritt Taylor, Richmond, Va.

Missionary for goats

I don't own a goat, but I like to read about them. The goat milk I purchase has certainly been helpful to me.

I have been able to interest several people in dairy goats and Dairy Goat Journal, and now my son, who is a physician here, recently acquired 2 does and is getting a ranch home built. He is really interested and likes goat milk very much. — Glenn H. Griffith, Barstow, Calif.

Too many find it!

J. Lowell Benfer, in October, asks how to find the farms of goat owners. We have used these ideas for 4 years. Mr. Benfer should have made some further points, which we have discovered.

After doing these things he suggests you will find that (1) you skip a lunch or dinner or both, then (2) you can no longer entertain your

non-goat friends, (3) your goats are disturbed too much, (4) your chores are not done on time, (5) you run out of parking space and your regular milk customers are inconvenienced, (6) you will become a free walking information booth, a diagnostician in absentia for folks who purchased stock elsewhere.

This became so serious here 2 years ago that we posted this sign in red: "Visiting hours, 2 to 5 p.m., any week day. Visitors welcome." It has partially solved the problem, but we still miss meals, skip chores, milk with folks standing in our way, and get to bed late. We are actually now considering a change to read: "Visitors by appointment only."

You'd be surprised at the number who purchased \$10 goats elsewhere because they are cheap, then come to us for advice and help. We are forced to tell them to go back to the folks who sold them the goats.

Just yesterday a milk customer said, "I'm going to buy 3 does, then I want to know everything you learned in the past 7 years." I gave him one look, and I didn't offer him any does. He doesn't know we've been studying goats since 1923 and invested many dollars in them.

This is one reason we don't like to ship goats. We like to help those who buy our stock, but we don't feel we should become the fools to help those from elsewhere who sold a goat, shipped it out, and then forgot the purchaser.

You may think we are hardboiled, but you should be here some days and see what we have and what we are putting up with along these lines.

Again I say, Mr. Benfer hasn't told the whole story. — Edgar Gehris, Greenwood Goat Dairy, Mertztown, Pa.

First impressions

I came to the conclusion, after reading Dairy Goat Journal for some time, that dairying would be profitable. I have been selling the idea to my son-in-law.

We visited some of the dairy goat farms near here and my son-in-law was becoming very interested. Then I made a big mistake! We went to see XXXX, a well-publicized breeder. We expected to see a very fine farm, but we were very disappointed — in fact, we were shocked at what we saw. This farm was the most run-down at the heels and untidy place I have seen in a long time.

I attended the Reading Fair and met people there who had visited this same man, and they had the same

story to tell. Such a farm as this one will never build up the prestige of the dairy goat. It is a shame! And now I have to sell my son-in-law all over again. I surely wouldn't buy any goats from such a breeder.—H. Holmes, Baltimore, Md.

Cement dweller

I am a real cement-city dweller. Last week I attended the New York State Fair and spent a good deal of the time admiring the dairy goats. My wife and I were greatly helped by Robert L. Harris, who is director of the AMGRA, and his wife who is secretary of the Central New York Dairy Goat Society. For what must have been an hour he answered all the questions a person interested in starting a goat herd might ask. He gave me a copy of Dairy Goat Journal and suggested I subscribe. . . . Now as soon as I find a suitable property I will put his suggestions and those of Dairy Goat Journal into practice. — Stanley J. Beyer, New York, N. Y.

Family milkers

We are milking 3 grade does to produce milk for our family. They were fresh in April, and in the first 20 days of June they produced 596 lbs. of milk. We use an abundance of milk and milk products for our home use, and extra milk helps grow our rabbits. Some of the milk is soured for the chickens. A few extra quarts are sold, but most of it is used in the home—and it helps greatly on food bills. Our 3 children are mighty healthy and with sound teeth. My father, at 86 years of age, is enjoying equally fine health with an abundance of goat milk—he just took a trip by plane to Ohio.—Louis C. Daniels, Bellflower, Calif.

By popular demand

Two years ago we had an exhibit at a local fair which was very popular with the public. But last year the fair officials didn't want to bother with it. However, so many people were disappointed at not seeing the dairy goats that fair officials urged us to put it on again this year.—Mrs. C. M. Stanford, Wayne, Me.

Wise canine

A neighbor of ours has both cows and goats. If they put out a pan of cows' milk and a pan of goat milk, their dog will always pass up the cow's milk and lap up all the goat milk. They try changing pans and other ways to trick the dog, but he invariably selects the goat milk. The dog can't be fooled — his nose knows, and he knows what is good.—Dortha Barnhart, Rossville, Ind.

Back to goats

I was formerly owner of the Lincoln Goat Dairy, but have been rail-roading for some years. Now that I am retired I am going back to goats, and after several years lapse will be reading Dairy Goat Journal again.—M. A. Chastain, Inman, S. C.

GOAT DAIRYING

"as is" and "could be"

PERHAPS the most important study of goatkeeping as it is, and not as it theoretically might be, since the study made of Ozark goatkeeping in 1942 (Mountain Farming in the Ozark Area of Western Arkansas, by George Townsend, Bureau of Agricultural Economics, U. S. Dept. of Agri., Washington, D. C.), has been prepared by Albert E. Weber, Farm Advisor, and Wallace Sullivan, Extension Specialist on Farm Management, for Los Angeles Co., Calif. Their "brief economic story is intended to introduce to the newcomer as well as review for the old-timer the costs and returns expected through keeping one or more goats in Los Angeles Co."

A survey was conducted to include several Los Angeles County commercial Grade A goat dairies, with this comment: "Information on feeding costs, expected death loss, labor costs, as well as other items that are considered, whether 1 or 100 goats are involved, may be extracted from this study." A farm family unit of 100 mature does was selected as a base, which shows 75-80 head milking at any one time—the number one man can care for under Grade A conditions.

The work of Weber and Sullivan in preparing this report is excellent and invaluable. In digesting and commenting upon the report there can be nothing but praise for their work, and a discussion of the possible economic improvement for dairymen in general—the difference between "as is," and "ought to be." While much general goatkeeping information is given, it is being omitted here for reasons of space.

In discussing the component stock in these herds it shows a valuation of but \$50 for a grade doe, with purebred does having a "somewhat" higher value, and cull does bringing around \$10. Such a valuation indicates either that the level of production in the average herd is much too low, or the worth of the doe is actually materially higher (see Journalway Leaflet No. 11, "How to Evaluate a Goat," price 10c). This might confirm the idea that a good producing doe is the most unappreciated domestic animal!

The spotlight might be turned on the cull doe, too. For an animal in

poor condition this \$10 price might be disproportionately high in comparison to the valuation of the milking doe. Yet should breeders and dairymen get together and develop a proper market for butcher stock, a price much more comparable to that of mutton might be well expected. This is a phase of goatkeeping that has had little attention, yet could add materially to profits.

It is suggested that these herds maintain 1 buck to each 20 or 25 does. This again is a disproportionately high percentage of non-producing animals, and decreasing the number of such males would add to the net profit without affecting gross receipts. Only in cases where outside services might warrant the maintenance of such a stud herd could it be justified. This is especially true if artificial insemination is used in the herd, when one topnotch sire could be used for several hundred animals. The study

values a herd sire at \$150 or up. Thus, in many herds, it might be wise to dispense with maintaining a male altogether and to purchase artificial insemination services from others.

The record shows 20 kids 6 to 16 months and 21 under 6 months are retained for herd replacements. This is a considerable proportion of non-producing stock that eats up the profits rather rapidly. In many cases there may be good reason for this, as anticipated future production of better bred kids will offset the immediate loss. However, if the two score needed for annual replacement indicates a 20% annual mortality in the milking herd, here arises an extremely vital point in relation to overall profits. This indication of complete herd turnover every 5 years is completely out of order in relation to the ideal. The first several years of a doe's productive life are needed to pay for

Let's Call the Plays

IT IS TIME for us to take the initiative as Christians and to call the plays! It can be done with an all-out drive to help the hungry people of the world out of their misery, finding out what they need and giving it to them and asking nothing in return. That would be doing what the Communists promise to do.

The weapon of selfless kindness need not be concealed. The clearer it is seen by the world, the more invincible it becomes. We can't win a cold war with hot weapons; the mass slaughter of the world's wars has been a chief factor in the developing problem of today! Let us heal the parts of the body of humanity everywhere that we may have a good earth on which to live.

It means taking the commandment, "Love thy neighbor as thyself," in earnest; of adding to the commandments that "Thou shalt not kill, or steal, or lie, or covet," and making even a greater and more positive declaration that, "I shall not rest satisfied until every last destitute man in this planet is lifted out of his misery." . . . Let's at last try Christianity!

* For more information on the programs that are working toward such a goal send to Koinonia Foundation, Pikesville Box 336, Baltimore 8, Md., and ask for a "Projects Booklet," which lists the various religious, governmental and other agencies with whom you may wish to cooperate. (20c to cover mailing will be appreciated.)

her rearing until the age of profit; a herd with a 5-year mortality level has but a slim margin for profit. If this can be extended to 8 or 10 years the profit margin climbs steeply.

The report anticipates a 200% kid crop each year, with 11 death losses and 21 doe kids retained (may we suggest you refer to Dairy Goat Journal for Apr. 1953, pg. 6, "One Out of 5 Kids Will Die"). This leaves 168 kids available for sale at around \$2 at 5 days of age, to be used for meat. This may be the most disheartening thing in the entire report, for several reasons.

In the first place, while a \$2 price for a 5-day-old kid is better than \$10 for a cull doe, it is still inadequate in comparison to what might be realized if proper chevon markets were established. However, in actuality there may be a reason to question as to whether keeping the kids 5 days (40¢ a day) is not more expensive in feed, labor and housing than the return.

More important to consider is the loss of young stock that could be sold at material profit for family milkers, additions to the herds of other dairies, breeding stock, etc. While a few of the male kids from the best purebred lines should be maintained for sire replacements and for sale—and at advantageous prices (evidence from other sources indicates a price range of from \$50 to \$200 each for such topnotch male kids, which would far exceed the total stock sales discovered by the study)—for the moment this can be disregarded.

Of the 168 kids remaining, about half will be does, or 84 doe kids. The study shows them marketed for meat, bringing \$168. But what are they worth as potential milk producers on the market? Good grade doe kids (referring back to Journalway Leaflet 11, "How to Evaluate a Goat") of this caliber should certainly bring a much better return. The purebred kids should have an equal or superior value to any purchaser as potential milkers, plus the added value of their breeding expectancy, which in some cases could amount to several hundred dollars. Properly marketed through intelligent advertising these young does should have an average value to someone, somewhere, well in excess of \$50 each—which would mean a return of \$4200 instead of \$168! Here, indeed, is a place to stop and consider how the return to

Estimated Production and Costs on a Grade A Dairy with 100 Does

Production and Herd Statistics —100 does	Goat Units	Average no. head during yr.	Transf. Added to next age group	Death Losses	No. Avail. for sale	Est. Mkt. Value	Income per doe year
Does	100.	100.00	20	4.0	16.	\$160	
Bucks	5.	5.00		.2	.8		
Doe kids age 6-16 Mo.	13.5	18.00	20	1.0			
Kids, age 0-6 Mo.	4.7	47.00	200	21	11.00	168.	336
TOTAL	123.2	170.00		16.2	185.8	\$496	\$4.96

Milk Gallons 2 qts. per doe/day - 300 days (100 does) 15,000 150

PRODUCTION COSTS AND QUANTITIES

Items	Pounds per doe year	Cost per cwt.	Total cost per doe	Cost per gal.
-------	---------------------	---------------	--------------------	---------------

FEED

* Concentrates, grains etc. 2 lbs.	900	\$ 4.00	\$ 36.00	
* Hay 5 lbs.	2248	2.00	44.86	
Pasture				
Miscellaneous (Minerals, Salt, etc.)			2.00	

TOTAL FEED COSTS

82.96 .553

LABOR

30 hrs. per doe 36.00 .240

Cash Overhead Costs

General expense — 5% above (feed & labor costs)	\$5.95	
Taxes and Insurance—on \$127.50 (i.e. average investments)	1.00	
Veterinary and Medicine	1.00	
Repairs—i.e. \$50.00 gen. repairs	.50	
Miscellaneous — purchase of equipment, etc.	.50	

TOTAL CASH OVERHEAD

8.95 .060

Subtotal cash costs 127.91 .853

INVESTMENT

	Average Investment Dollars	5% Interest per doe	Depreciation
Land 1 acre (Full Value)	20.00	1.00	
Buildings ½ original cost	6.00	.30	.60
Corrals, panels, etc. — ½	6.00	.30	.60
Equipment — ½	3.00	.15	.60
Feed & Misc. — ½ (for feed on hand)	2.50	.12	.60
Stock — average all	90.00	4.50	

Total investment costs

127.50 6.37 1.80

Depreciation 1.80 .012

Interest on investment 6.37 .042

Total all costs

136.08 .907

Credit from sale of animals 4.96 .033

Net Costs of Milk 131.12 .874

Goat unit=1 mature doe or buck — kid 6-16 mo. = 75%, 0-6 mo. = 10%

Feed — Based on dry lot feeding — * or equivalent in other feeds.

Doe year=1 mature doe for 1 year — costs per doe year include the costs of the bucks and kids. For each doe in the herd there is 1.232 goat units or doe years. —From Weber & Sullivan

the herd can be increased in some such proportion. It can be done—some are doing it—and what a difference it makes in the entire economic structure of the goat dairy!

This is a study in itself, only lightly touched on here for the purpose of focusing attention to this great leak.

The research showed the daily production of a good doe averages 2 qts for 10 months — about 1200 lbs. a year. This is obviously too low, and can be remedied in almost any herd by improved breeding and management practices. There is enough superior milk-producing breeding stock available that by the use of excellent bucks—irrespective of the price paid for them — plus continual attention to management, there should be only a reasonable

problem in raising the herd average from 25% to 50% or even more within a relatively short time. Here, perhaps, can come the most important added profit to the herd since it costs little more to feed and care for a doe that will give 1500 lbs. or 1800 lbs. than it does for one giving less; the added production is nearly all profit. A sire that will bring such production to a herd is worth almost any price. Certainly every dairy should set its goals in this direction, and ultimately raise them even higher.

Nothing new is stated when the report says "The doe is a seasonal breeder." Yet there has been enough improvement in this to indicate that already much of the difficulty in maintaining a reasonably level production curve has been solved in

one way or another. But rather than to relax, further consideration of this biological problem will add to the utility and profit of the dairy goat under all conditions.

As a matter of interest, the study found dairy grain mix selling for \$80 a ton and alfalfa at \$40 a ton.

It was found through this survey that it requires 3 times as much labor to produce a unit of milk in a goat dairy as it does in a cow dairy. To one who has observed many dairy operations it is surprising that this ratio is as low as indicated. Yet there seems to be no basic reason for this, and the labor-per-unit can be brought to a level much more comparable to that of the cow dairy with improved equipment and management. Many goat dairies, like Topsy, simply grew up and were not designed for efficient handling of stock and production of milk. Hand labor is used in quantities that would shock a cow dairyman who is forced by competition to use the most modern and efficient equipment. And, we must face it, sentiment and affection in handling goats is a cost factor that is seldom apparent in the cow dairy—and we must confess that up to a reasonable point that is an expense few of us would wish to remove.

For a dairy of 100 goats it was found that an acre of land is quite adequate, utilizing corrals and no pasture. The land is valued at \$2000 an acre, and interest is charged at 5%. Land investment amounts to \$20 per doe on this basis. The report does not indicate that in most instances the operator probably lives on the dairy property, and no credit is given for the owner's housing.

The investment per doe is figured at \$127.50, with 5% interest giving \$6.37 as cost of invested capital.

These figures show, then, the net cost of producing one gallon of goat milk as 87.4c . . . which we suggest you compare with the market sales reports elsewhere in this issue of Dairy Goat Journal.

The purpose of this review and discussion is to point out possible ways to increase profits and lower the cost-per-gallon of goat milk, and to help establish goals for the improvement of goat dairy operations. Probably no one dairy is deficient in all points; certainly none is perfect in all—but Weber and Sullivan have performed an important service by thus putting goat dairying under their impartial microscope.

Lymph Abscesses in Dairy Goats

• By FREDERIC B. KNOOP, Amelia, O.

Excerpts from a discussion given at the AMGRA annual meeting.

LIKE OTHER owners of herds of some size we have had a number of lymph abscesses during the last few years. Our first one was brought into the herd when we purchased an apparently healthy animal—a doe of 4 years of age. She showed no sign of the abscess when we purchased her but within 2 weeks developed a lump about the size of a silver dollar on her right brisket. Our veterinarian advised us to treat it much as a boil and wait until it was about ready to break before opening it. At that time he felt it was caused by a bump or bruise and that it was not infectious. We have since discovered that the first part of the recommendation was correct, but the latter was not.

Since that time we have had about 15 animals that have had these abscesses, that is, over the last 4 years. We have done considerable work with them, and have come to several conclusions. I don't want to pose as an expert on the problem, but I do think it is helpful to bring them out in the open for some dis-

cussion, because over the past year I have found that they are present in all parts of the country, and breeders seem interested in knowing what someone else has done.

Our veterinarian, Dr. Byron Bernard, is intensely interested in goats and in the winter of 1952 he set out to find out what could be done about them. We received a turn-down at our own Ohio State Veterinary College—they were too busy and too sure that nothing could be done about them. So we contacted the Department of Animal Pathology at the University of Kentucky. Dr. R. G. Brown there admitted that he had had no experience with goats but that he would be glad to work with us and see if a serum could be developed. I should give credit to our hosts here in Columbia and say that he displayed the same inquiring mind and the same helpfulness that we have had displayed on our visit here, for Dr. Brown is a native of Columbia and a graduate of the College of Veterinary Medicine here.



Mrs. V. E. Thompson and Elaine Butler of the Oakwood Herd, Colfax, Calif., hold the first prize French Alpine herd at the Placer Co. (Calif.) Fair. These does are Oakwood's Cinderella, who also won third as a 3-year-old in a class of 13; Oakwood's Bando, 2-year-old; Oakwood's Rena, second prize milking yearling; and Oakwood's Clarice, first prize milking yearling. The three at the left were all sired by Moby Dick of Holly Hill, owned by LeRoy and Dorothy Burkhart, Auburn, Calif., and also comprised the first prize Produce of Dam entry.

In a few weeks we had a young buck that developed an abscess on his lower neck. That was in the early spring of 1952. Dr. Brown asked us to bring the buck down to Lexington. So Dr. Bernard and I took him down early one morning. Using a sterile platinum wire Dr. Brown took 17 samples of the matter from the abscess and planted it on agar in test-tubes. In non-technical language the study from this point on was to grow the abscess organisms under a variety of conditions. They were cultured on acid agar, under alkaline conditions and various other laboratory tests. Miss Moran, a highly skilled bacteriologist, did this work. Her description of the process is as follows:

The abscess matter was cultured on bovine blood agar. After 24 hours maximum growth was obtained. After the 24 hour incubation period a hemolytic strep colony (Group C) was picked off. There were several other bacteria present. However this particular one seemed to be the causative agent of the abscesses. This colony was allowed to grow in horse infusion medium broth with 1% blood serum added. After incubation for 24 hours the culture was killed with 3% formalin and allowed to stand overnight. The bacteria was then cultured to be sure that it was sterile. If it had not been sterile more formalin would have been added.

This serum was used for inoculating kids in 1952; the serum was given sub-cutaneously. Two weeks later another shot was given in the same manner. Two kids were not given the vaccination. The kids were from 3 to 5 months of age. They suffered no ill effects from the vaccination. In 1952 none of our vaccinated or control (non-vaccinated) kids developed any abscesses nor have they developed any as yearlings. I should point out that all of our kids have been kept separate from the rest of the herd so the control kids were probably not exposed to any older goats that might have had an abscess.

In 1953 more kids were vaccinated in the same manner, the only difference has been that because we were short on serum Dr. Bernard gave them only one shot. We had two kids develop very minor abscesses this year. We feel that if two shots had been given these might have been prevented. As soon as a new batch of serum is made we will give the kids their second shot late in the year.

Dr. Brown feels that a serum can be made up in any of the labora-

tories of state colleges which are equipped for serum experimental work. He feels that it is important that it be made from a culture taken from an abscess of a goat of that area — in other words the serum should be autogenous to the strains of strep that are present in the herd.

Here are a few other thoughts of Drs. Brown and Bernard at this stage in the work on lymph abscesses.

(1) They can come up almost anywhere on the skin surface of a goat — wherever a lymph gland is present. They can develop internally also.

(2) They cause no particular harm to the animal, but they are unpleasant to see. If the animal is isolated while the abscess is draining it may affect her milk flow because of the strange surroundings and the fact that she is separated from the herd.

(3) The abscess should not be lanced until it is nearly ready to open. The signs of this are that the hair becomes thin and the skin becomes shiny and taut. In opening the abscess it should be cut so that it gets full drainage to the bottom area.

An abscess that is opened too soon may become infected with some bacteria that is much more serious. Usually the drainage takes place very rapidly—in one or two days—and the wound may be completely healed in a week.

(4) The injection of 2cc of penicillin into an abscess is often effective in causing it to decrease in size.

(5) The isolation of an animal that has a draining abscess is desirable. The matter that is removed from the abscess should be collected on a paper and burned to keep the concentration of the strep organisms from building up in the barn.

(6) At this point in the investigation it is believed that the organisms causing abscesses are not picked up orally, but are more apt to get in the blood and lymph streams through a cut or skin abrasion. Fly and lice bites are another possibility. Of course, if feed is infected with the strep organisms and there is some skin break in the mouth of the animal it would be possible for entrance to be obtained in this manner.

These thoughts are not offered as any kind of conclusive proof of the cause or cure of this troublesome condition. They are a start. There are enough of these abscesses around the country to make them a problem of control. I hope that as further information is available we may publish it. And if any breeders have additional information please let us make it available. I don't think that it is a disgrace to have a goat turn up with one. It does not prove that the goat has not been taken care of properly. It only

shows that some of the hemolytic streps have found their way into the lymph stream.

After a certain length of time the animal will develop a natural resistance to the infection. Perhaps a serum may be the answer, for it is very disturbing to be ready to show one of the best goats in the herd and discover the night before the show that she has developed a "walnut" on her jaw.

TOMMY FRUDD REPORTS ON MICHIGAN STATE FAIR SHOW

TOMMY FRUDD, the boy who accomplished what the goat breeders of Michigan were unable to do when he convinced the Fair Board of the importance of dairy goats and was invited to make Michigan State Fair's first goat display, is well-known to goat owners everywhere because of his energy and persistence in this project. Tommy made the show, and here is his report:

"The Fair is over! Ten long days, but exciting ones, too. We had a large yard and a large tent for the goats. I slept in the tent with them.

"The people asked many questions and Mom, my sister and my brother were kept busy answering them and keeping people from feeding paper to them. Everyone loved the goats and our newest baby, Niblet, made a big hit. He appeared on three TV shows.

"A few goat owners came to see the exhibit. And now our 4-H is getting interested."

GOATS MAY BE SUCCESSFULLY VACCINATED FOR BRUCELLOSIS

A NEW TYPE vaccine has been developed by two California bacteriologists which may offer protection against brucellosis in the goat. While this disease is practically unknown among the dairy goats in America, it has offered a potential threat.

The goat type brucella organism was cultured in a medium containing streptomycin. Repeating this process several times they developed a strain of brucella that had great resistance and which required the antibiotic to remain alive. From this "new" strain of brucella organism a vaccine is made, which it is believed may be the answer to the demand for a vaccination against brucellosis.

Laurelwood Tells Story of Dairy Goats

• By J. LOWELL BENFER, Lomita, Calif.

GOAT MILK was given a pleasant reception when Laurelwood Acres Goat Dairy, Chatsworth, Calif., gave 2000 half pints to school children and their parents. The occasion was the annual Country Fair put on by the Raymond Avenue Elementary School in Los Angeles. The fair features folk dancing, a flower show, a large pet show, and exhibits of the classroom work, all the product of the pupils. In addition outside exhibits are brought in that are of interest to the pupils and parents. This year a fire fighting exhibition was given. The mosquito abatement program was demonstrated. An early motor car toured the grounds to show how it was operated. Monte Montana of TV and movie fame gave an exhibition of trick roping and showed his stage coach pulled by four pinto ponies. The booths with cotton candy, candied apples, hot dogs, that one usually finds at a fair were there also.

The exhibit that attracted the most attention was the one with two white corrals flanking a booth with a display of trophies and ribbons as a background. In the booth were Betty and Wesley Nordfelt and their daughter Pinky, all in white and passing out free half-pint cartons of ice cold goat milk. In one corral were 2 prizewinning Laurelwood Acres French Alpine milking does. In the other corral were 20 young goats of the popular breeds that had been loaned to the schools by the Nordfeldts. The schools get the goats when they are weaned kids and have the experience of feeding and caring for them until the end of school when they are returned.

The school owned a Nubian doe which kidded 2 kids this year and created a lot of interest. The only trouble was, the kids got all the milk and the pupils didn't have a chance to know how good it was. They could only guess it must be unusually good because the kids wagged their tails so much while they were nursing. Laurelwood Acres, hearing of the situation, decided to help the children by offering free goat milk at their Country Fair. The result was that children and parents also had an opportunity to know just how good milk could

be. The only problem that developed was which children were at the booth for their third or fourth carton and which hadn't had their first yet. Goat owners would have enjoyed watching the surprised look on people's faces turn to pleasure when they found goat milk didn't taste at all like they had expected it would.

In the evening a class met at the school who were studying the use of animals as motivation for classroom experiences. They were also treated to goat milk with their dinner. A public dinner was served by the Parent-Teacher Association at which the patrons also had the opportunity to be served goat milk by the Nordfeldts. The expense involved to Laurelwood Acres ran into quite a sum of money and the goat owners should give them a vote of thanks for the good they were able to give the industry through their generosity in furthering the education of people to the use of goat milk.

Raymond Avenue school carries on quite an extensive agriculture program. Each semester the graduating class raises their own fryers and has a chicken dinner at graduating time. They have raised dairy calves, sheep, and even a pig within the city of Los Angeles. They have quite a garden project also. During

the school year they raise flowers and vegetables and near the end of school, the whole garden is planted to corn and the opening of school sees the children harvesting their crop which is used to supplement their livestock feed through the winter. "City Farmers" they call themselves, but probably from that school will come many real farmers who will look back to the pleasant introduction they had to the joy of living close to the soil.

NEW PROCESS WILL MAKE YEAST FOR STOCK FEEDS

VOLUME production of torula yeast is planned in a joint project of the Red Star Yeast Co. and the Charmin Paper Mills. This yeast is not a leavening agent, such as the more familiar yeasts used in baking, but is an inactive yeast of purely nutritional value. It also has a pleasant taste that adds to the palatability of livestock feeds.

Long known to scientists as extremely rich in proteins and vitamins, torula yeast is derived from sugar tree extracted from wood solids otherwise unused in pulp and paper manufacturing. The process was developed in Europe during the war when there were extreme shortages of proteins.

The new plant near Green Bay, Wis., will have a production of more than 10,000,000 lbs. of torula yeast annually.



Students at the Raymond Ave. School use their goat as a model—note the drawing on the blackboard. The goat project includes everything from art to agriculture. "There is no question but that dairy goats make the finest projects for elementary children," says Dale V. Leever, Supervisor of Elementary Agriculture.

Your Secretary Reports

By Robert W. Soens

Comments on services, facilities and problems from the secretary of the American Milk Goat Record Assn., Box 30, Elyria, O.

Youth—And The Future Of The Goat Industry

A mother writes, "My 10-year-old son is a member of a 4-H Club and has 2 goats as projects. Can he join your association and register his goats?"



Mr. Soens

This question is typical of dozens we have had during the last 10 months. Because it has been asked many times and because the recruitment of youth in our ranks is essential to the progress of the dairy goat industry, I want to take a

little time to explain the AMGRA 4-H membership plan.

Any young man or young woman who is of 4-H age, who is a member in good standing of a 4-H club, and who is carrying a goat project may apply for an AMGRA 4-H membership. The membership application must be filled in and endorsed in the regular manner. However, instead of being accompanied by \$4 for membership and advance annual dues, the application should be accompanied by the certification of the 4-H advisor that the person whose application is being presented is a member in good standing of (name of club) the 4-H club and is carrying a goat project currently.

This young person then remains a member in good standing for the year in which the certification is received. The 4-H memberships are kept in a separate file for the reason that a 4-H member is not eligible to vote in AMGRA elections. However, these members enjoy every other privilege of membership. When regular members receive a reminder that their dues are payable for another year, 4-H members also re-

ceive the same reminder so that they can send in a certification from the 4-H advisor to renew the membership.

Your AMGRA secretary has seen 4-H goat clubs grow from their very beginning in the state of Ohio. As a matter of fact, he had the privilege of being one of the breeders who helped furnish the original animals for the first 4-H club in the state to be made up exclusively of goat projects. That was several years ago. We have come a long way since that time. Now Ohio has a number of 4-H clubs with nothing but goat projects in them. I could hardly attempt to name all of them now. I assume that this sort of thing has gone on in other states. This is the

kind of progress and interest that AMGRA and all local and state goat organizations should encourage.

The spirit of competition in youth runs high. Showmanship classes in the state of Ohio are almost completely dominated by 4-H'ers. These young people have taken a great interest and have helped create interest in goats. As an association and as individuals we need to do all in our power to encourage the goat breeders of the future. It is toward this end that AMGRA has made provision for a "special" 4-H membership. All AMGRA members should bear in mind the fact that particularly youngsters whose parents are not goat breeders need help and encouragement from us.

October Markets for Goat Milk

Location	Retail, bottled at farm, qt.	Retail, bottled delivered, qt.	Wholesale bottled, qt.	Bulk whole-sale, cwt.	Cheese, lb.	Miscellaneous
Indiana, Central (1)	.50					
Tennessee	.40*	.60*		15.00		
Michigan: Dehydrated, canned, lb.						2.50
Retail						1.67
Wholesale						
Michigan, Southern	.50					
Michigan, Southeast (2)		.40				
Ohio, Northern	.55*	.65*				
Ohio, Southern	.60*	.60*	.42*		1.00	
Pennsylvania, Central	.50			17.50		
Alabama (3)	.40					
Ohio, Eastern (4)	.50					
California, Southern	.40	.45*	.37			
North Carolina, Western	.40	.55*				
Oregon, Central (5)	.35	.45		8.80		
California, Bay area	.45	.48-.45	.37			
California, Central		.45	.35			
Alaska (6)	.40	.40	.35			
Missouri, Ozarks	.25					
Chicago, Certified		.65-.69*				
Georgia	.50*	.60*				
Wisconsin, Southern	.40	.40*	.32*			
California, Central (7)		.45				
Seattle-Tacoma		.47	.36			
Tennessee, Central (8)		.40		15.00-7.20	.90	

* Pasteurized

ONE QUESTION that has not been answered as yet in these market reports is, "Is anybody selling goat milk ice cream, and what price does it bring? There have been reports on most other goat milk products, but this is still absent.

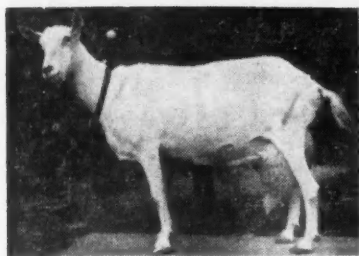
The usefulness of these reports is perhaps indicated by their widespread use—last month their use in U. S. Department of Agriculture releases was indicated. One man wrote this month, "I had been considering goat dairying for some time, but could not get up my courage. A study of the market reports in Dairy Goat Journal has given me that courage and I am starting work on new buildings for a Grade A dairy."

This month these reports should be

considered along with the article that appears on page 4 of this issue of Dairy Goat Journal.

Again, some footnotes illuminate some of these reports:

- (1) "Sales gradually increasing."
- (2) "I have a herd of 30 grade milkers and expect to increase this number."
- (3) No deliveries are made. Twenty-five does are being milked, mostly French Alpines, with a few Nubians and Toggenburgs. Chopped alfalfa costs \$3.50 per cwt. Sales average over 200 qts. a week.
- (4) Oats are costing \$4.05 and cracked corn \$4.45 per cwt. Three pounds oats and 1 lb. corn plus a "cup full" of 24% dairy feed is used twice a day. Alfalfa hay, second cutting



Dot of Production Herd, 5-year-old Saanen doe bred and owned by R. Froelich, Halstead, Kans. Fresh on July 23 she produced 493.9 lbs. in August, with a high day of 16.8 lbs.

Deodorize with-- ODOROUT

Your Buck Can Smell Like Flowers



In use since 1948, ODOROUT is successfully eliminating the most disagreeable problem of the goat owner, "The Odor of the Buck."

STOP THE ODOR OF YOUR BUCK NOW! Order a pint of "ODOROUT" today.

Only \$2.50 Postpaid

BEFORE THE RUSH!
FOR PROMPT DELIVERY
While production is still ahead of demand—

Place your order NOW for your

- Profitable
- Satisfactory
- Economical
- A child can operate it.
- A single unit may take care of your needs!
- Investigate!

CLEAN-EASY
DAIRY GOAT MILKER



Single Unit \$199. Double Unit \$280.50

Both FOB Factory in Wisconsin
Illustrated literature on request

Goat Milk Bottle Caps

Printed in red and blue on white stock. \$1.89 per 1,000, plus postage. Stocked in 3 sizes. For No. 2 add 4 lbs. postage per 1,000 and for 48mm and 51mm add 3 lbs. per 1,000 postage. No. 2 will be shipped if size is not given.

Goat Halter and Collars

Halters: Doe size \$1.10, Buck regular size, \$1.35, large \$1.50, extra large \$1.75 each. Add 8 ounces each for postage. Collars: Doe size 55c, buck size 80c. Add 8 ounces each for postage.

NOTICE—Send postage when wt. is shown.

AMERICAN SUPPLY HOUSE
Box 304
Columbia, Mo.

IODAL

AN IODINE PREPARATION

Mrs. Harry E. Corl, Star Rt., Waverly, Va., tells a graphic story about IODAL: "I had a kid that did not grow well and did not eat right. I became exasperated and at the end of 4 months I commenced to feed it as much IODAL as I did the older goats—16 drops a day. Four days later the kid's droppings were one-half worms, tapeworms and worms about 1/2-in. long with large square heads, and plain worms about 1/3-in. long. I never saw so many worms before; fully 3/4 of the kid's droppings were worms. I kept on feeding 16 drops of IODAL a day when at the end of a month the worms stopped coming. The kid commenced to eat better and grow a lot. I am continuing feeding the IODAL in large rations."

Please notice an increase in prices of IODAL, made necessary by the increase in postal charges. There is no change in the price of gallons, but there will be an increase in the postal charges in that size. Prices: Gallons \$10; half-gallons \$7; quarts \$4.50; pints, \$3. We pay postage and insurance except on gallons in the United States.

IODINE PRODUCTS COMPANY
116 Norman Avenue
BROOKLYN 22, NEW YORK

at \$45 a ton, is fed abundantly. Iodal is given every Thursday."

(5) "The annual winter pickup in milk consumption is beginning. The sales volume for goat milk often more than doubles during the months of November to February."

(6) "At present milking 10 French Alpine and Toggenburg does."

(7) This quotation, from a customer, comments: "The goat milk we have gotten was not at all what it should have been. I am safe in saying 1/3 of it was sour when we received it."

(8) "I am milking 55 does. I had 15 freshen in September, and have 15 more due in December."

Yesterday's Goatkeeping

From the files of Dairy Goat Journal

30 years ago

(Nov. 1923)

In one of the greatest Saanen classes ever shown in America the imported doe Panama Louise won first (and grand champion), followed by Highland Easter Flora and Highland Elizabeth, at the Los Angeles Co. Fair. The total daily production of these three does, at their peak, exceeded 6 gals.

The Milk Goat Breeders Assn. of Ontario conducted a Demonstration Tour, taking 6 does and 1 kid into a series of communities in Western Ontario. Literature was distributed, and public milkings held, after which questions were answered. The Dominion Live Stock Branch was in charge of the tour.

A book of breed standards for all breeds was announced by George F. Etzel, chairman of the committee for the American Milk Goat Record Assn.

20 years ago

(Nov. 1933)

Dairy Goat Journal published a special issue devoted to the Nubian breed.

A survey of the membership of the Delaware Valley Milk Goat Assn. showed that members owned 763 goats.

Boellner Bros., who were operating a goat dairy at Maumee, O., were travelling around the country to buy stock for their expanding business.

Now, 20 years later, they are regular contributors of information for the "Market Prices" published in each issue of Dairy Goat Journal.

(10 years ago)

(Nov. 1943)

John C. Thompson, instructor in dairying at the National Farm School, Doylestown, Pa., and in charge of the Toggenburg herd there, went to work for Ralston Purina Co., St. Louis, Mo., as manager of the Dairy Feed Division. Mr. Thompson is now Director of Livestock Research for Purina Mills.

Dr. A. J. Durant, Columbia, Mo., was reelected president of the American Milk Goat Record Assn. at the annual meeting held in Chicago. Mrs.

I. E. Ettien, Rogers, Ark., was elected vice-president, and Fred B. Keifer, Marshall, Ill., secretary.

Frank Coutant's book, "The ABC of Goat Dairying," was being put into braille by the Library of Congress.

With the Breeds

♦ The French Alpine buck, Grantley Del-Norte's Shamrock, has been sold to James H. Hill, Belleville, Mich., by Mrs. Lillian W. Scott, Sardinia, O.

♦ Mrs. F. C. Craver, Del-Norte French Alpines, Bentonville, Ark., reports the following sales: A bred doe, Katie Del-Norte, to Mr. and Mrs. Bert Jackson, Gutthart, Ark.; a bred doe, Eloise Del-Norte, and a buck kid, Doc Del-Norte, to Don C. Wilkes, Shreveport, La.; a buck kid, Butch Del-Norte, to Otis Chrisman, Wichita, Kans.; a buck kid, Leon Del-Norte, to Raymond Buchholtz, Ovid, N. Y.; a yearling buck, Julian Del-Norte, to Lorenzo Fumero, Havana, Cuba; a yearling buck, Julian Del-Norte, to Eli Stoltzfus, Elverson, Pa.; a yearling buck, Julius Del-Norte, to Mr. and Mrs. J. L. Madden, Wichita Falls, Tex.

♦ Mr. and Mrs. H. A. Foote, Tarzana, Calif., report that their Saanen, Greenleaf Suzanne, completed her yearling AR test with 2466 lbs. milk and 91.38 lbs. fat, and that at the fifteenth month of her lactation averaged 6.1 lbs. milk testing 3.6% fat. During the thirteenth, fourteenth and fifteenth months of this lactation she was on the fair circuit. Suzanne has also accumulated 4 championship ribbons. She was pictured on the cover of Dairy Goat Journal for December 1952.

♦ J. D. Watkins, Timblin, Pa., sold the Saanen buck, LaSuisse Brookside Delbert, to Mrs. E. J. Tipton, Marengo, O.

♦ Thomas E. Draper, Chico, Calif., reports the following French Alpine sales: Blue Diamond Ivan and Zossie Hualapie to Ken and Jean Hall, Paradise, Calif.; Blue Diamond Silver and 4 Saanen grade milkers to William Caldwell, Chico, Calif.; Blue Diamond Hugo to Mrs. O. A. Huber, Oroville, Calif.

♦ Vida Mahogany Lad Trimble, Nubian buck kid, has been sold to Mrs. Ernest P. Hall, Jr., Columbus, N. C., by Mr. and Mrs. Frank Vida, Hendersonville, N. C.

♦ J. Lowell Benfer, Lomita, Calif., sold Ben Fair Carnation and Ben-Fair Carmen de Asis, French Alpines, to Robert F. Andersen, Santa Ana, Calif. A few days later Carnation was made grand champion at the Orange Co. Fair.

♦ Hurricane Acres Brutus Apollo is the Nubian herd sire sold by Mr. and Mrs. Clifford P. Finley, El Cajon, Calif., to Mrs. May M. Garfield, San Diego, Calif. With him went the fol-

lowing does: Patsy's Velvet, Jan's Crystal Pearl, Apollo's Janette, Janapo Jeanette of Acacia Acres and Janapo Kada Silhouette of Acacia Acres.

♦ Mr. and Mrs. E. M. Finan, Santa Ana, Calif., have donated 3 Nubian bucks to the Heifer Project, Inc., for the Goats for Egypt shipment.

♦ Mr. and Mrs. A. J. Peterson, Garden Grove, Calif., have started in Nubians with the purchase of Princess Consort from George Vides, Santa Ana, Calif., and De Ariza Jilene from Victoria Matthews, Huntington Beach, Calif.

♦ S. E. McKain, formerly of Westminster, Calif., has purchased the MacAlpine herd of French Alpines from E. W. MacNab and is now running the MacAlpine Grade A goat dairy at Azusa, Calif. Mr. and Mrs. Herman E. Haile, also from Westminster have purchased some French Alpines and are working with the McKains.

♦ Eight-year-old Stanley Tamalinos, Huntington Beach, Calif., was the lucky bidder in the progressive fundraising auction put on by the Orange Co. Dairy Goat Assn. Stanley invested a dollar, and by shrewd bidding and only raising a penny or 2 at a time he got the last bid. He has named his new French Alpine buck kid Sawbuck, as he says he got it for a "sawbuck." Stanley also has a Nubian doe kid, and takes care of his goats himself.

♦ Mr. and Mrs. E. M. Finan, Santa Ana, Calif., have contracted to purchase all the doe kids and some of the bucks from the purebred Nubian herd of Dora Marie McFarlane, San Gabriel, Calif. They have also contracted to purchase all the kids of Myra of Evania, bred to Tony of Evania, from Mrs. Effie Evans, Tazana, Calif.

♦ Hans Quistorff, Gig Harbor, Wash., 4-H club member, sold a Saanen doe, Sweetheart of Echo Herd, to Bruce Thompson, Gig Harbor.

Strippings

• The cover illustration of the October issue of Parents' magazine featured a Toggenburg kid and a little girl.

• Pam Riker of Suric Goat Dairy, Newtown, Pa., visited several of the goat shows on the West Coast this fall.

• W. Royce, Costa Mesa, Calif., has secured a dairy permit and plans to have a dairy in operation after the first of the year.

• Dr. Douglas Kerr, Aurora, Ill., and William F. Loyd, El Granada, Calif., were recent visitors to Dairy Goat Journal.



Elam S. Horst, Plainview Nubians, Bareville, Pa., discusses goats with C. E. Leach during a recent visit to Dairy Goat Journal.

• Elam S. Horst, Bareville, Pa., who bought his first purebred Nubian doe in 1927 to found his Plainview Herd, visited Dairy Goat Journal following the annual meeting of the American Goat Society in St. Louis. This first doe was bred by C. E. Leach of Dairy Goat Journal, and Mr. Horst and Dr. Leach spent a day reminiscing on goatkeeping history, events and problems.

• Dr. Bill Priest of Oregon Coast College, Costa Mesa, Calif., is organizing a study course in goats for an evening a week for 16 weeks or more. Enrollment is free. On Oct. 6 there were 35 students present. The course of study set up by Mrs. Vernon Hill at Pierce Agricultural College will be used. . . . Perhaps if enough readers were interested Dairy Goat Journal might publish a course of study for goat clubs.

• H. G. Conkling, Torrance, Calif., has been drawing attention to the goat displays in California shows with a beautifully made goat cart. He has a full-grown buck, not much larger than a 6-month-old kid, which he hitches to it. The buck was born wild on Catalina island, and the size is considered about normal for these goats.

• R. G. Black, who for some time edited the bulletin of the Capital Dairy Goat Assn., has graduated from the Empire Linotype School and is now studying journalism at Boston University.

• Candidates for governor in New Jersey entered a goat milking contest at the Warren Co. Farmers' Fair. The winner was Paul L. Troast, Republican.

• Frank Corbus, superintendent of the goat department at the Ohio State Fair, and long a leader in goat-keeping in the state, died suddenly on Sept. 12.

• Hans Quistorff, Gig Harbor, Wash., has received a special citation from the County Agent for having the most profitable 4-H project in the county, with his gross return exceeding \$1000 from his goat project.

GOAT HALTERS

Heavy top grain leather, 3/4" wide. Strongly riveted. Welded D's, rings. Halters give better control. Postpaid. Doe size, \$1.75 ea. Buck size, \$2.00 ea.



GOAT COLLARS



Heavy top grain leather. Welded D's. D is ahead of buckle for additional strength (see snap sketch). Snap not included. Postpaid.

- #1 Collar, kid size, 1/2" X 19" ea. \$1.00
- #2 Collar, doe size, 3/4" X 23" ea. \$1.25
- #3 Collar, buck size, 1" X 25" ea. \$1.50

SWISS MUSICAL GOAT BELLS

Finest you can buy. Cast from bell metal. Beautiful tone, far sounding. Postpaid.

- #D0—2 1/2" dia. \$1.50
- #D1—3" dia. \$1.75
- #D2—3 5/16" dia. \$2.00
- High Grade Straps to fit, ea. 75c



Have a Goat Symphony in your fields. Set of 3, Perfectly tuned to Accord, complete with straps, Price \$10.50, postpaid. —6B Goat Bell, stamped metal, bronze finish 30c ea. Strap to fit 30c extra. 6 Bells and straps — \$3.00.

FREE CATALOG other supplies

WARNER PRODUCTS COMPANY
Dept. GB, BALDWINVILLE, N. Y.

STONES REVOLVING HEAD

Tattoo Marker

Rigid bearing both sides. Quick change release. Turning head.

\$6.75 Post Paid

The World's Best

Holds 8 letters or figures. Fool proof, cannot put characters in upside down. Well constructed of good materials and fully guaranteed.

The Standard Tattoo

Here is the old standard used by thousands of stockmen. Holds 4 figures or letters and price includes one set of numbers 1 to 9, including a bottle of ink and full instructions.

Extra letters or numbers 25c each. They are interchangeable with either style.

\$5.25 Post Paid

ORDER TODAY! Write for free catalog of Stockmen's supplies, deck chains, horn weights, ear tags, cattle blankets, veterinary instruments, remedies and hundreds of items.

BREEDERS SUPPLY CO.

DR. DAVID ROBERTS PRESCRIPTION

FOR EVERY CURABLE GOAT AILMENT

The following are a few:

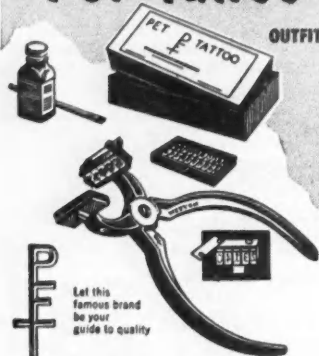
SOOTHING PASTE for colics \$.75
LAXATIVE, a laxative75
BOWEL ASTRINGENT, for loose bowels75
GOAT Rx No. 77, to medicate salt, for worms	1.25
SPECIAL Rx POWDER for slow breeders75
UDDERINE, liquid75
UDDER BALM (contains lanolin)75
ULCERINE, for ulcers on teats75
HERD-TONIK, a conditioner, 3 lbs.	1.25

Order what you may need and write for the complete list. Write for free advice and information to help you keep your goats healthy and profitable.

DR. DAVID ROBERTS VETERINARY CO.
BOX 297-N • WAUKESHA, WISCONSIN

WESTON'S DEPENDABLE AND PROVEN

Pet Tattoo



Kit contains special marking ink, dies ($\frac{1}{8}$ " and $\frac{3}{8}$ " plus NEW tong with concealed spring to prevent pinching; deeper throat for use from any angle; Digits changed individually from front. \$4.00 and up according to numbers or letters wanted.

See your dealer or
Send for FREE Illustrated Price Folder

WESTON MFG. & SUPPLY CO.

1961 Speer Blvd., Denver, Colo.

Wright's VEGETABLE DEWORMING Powder and Conditioner for Goats

Deworm your goats with the best—it's non-toxic. Simply mix in food, no starving, no pilling, no drenching, no bad after effects.

Besides the vermifuge it contains the two great essentials of life, calcium and iron, and other health-giving properties. It also improves the milk supply. It is perfectly safe to give to kids at 6 weeks of age.

This formula was presented to us by a great English veterinary professor who used it for years on many English goat herds with success. We introduced it to this country, along with many others, and it is used and recommended by one of the largest goat dairies in this country. We guarantee satisfaction and give prompt service, postpaid. Send cash, check, money order, or request COD (plus charges). Packed in sanitary air-tight cans, with full directions attached.

PRICES: $\frac{1}{4}$ lb., \$2.50; $\frac{1}{2}$ lb., \$4.50; 1 lb. \$7. Prices on larger quantities quoted on request. Manufactured by

THE T. F. WRIGHT LABORATORY
Wright Bldg., Ramona, Calif.

FOOD \$1 week! RENT \$5 year!

Amazing new Booklet shows how it is possible for YOU to live a healthier, longer, happier life; enjoy peace of mind, security! All this on very little money. Actual case histories show how YOU, too, may have land, food, shelter and money and have it NOW! Send \$1 for your copy of "The Freedom Way," today. Your money back if not delighted. J. Hilden, Green Forest, Ark.

EQUIPMENT ESPECIALLY FOR YOUR GOATS By Hoegger

Stalls, stanchions, bottle caps, disbudding irons, nipples, 4-qt. milk strainers, etc. Send 20c for catalog, refunded with first order.

HOEGGER Supply Co., Box J, Milford, Pa.

Horns Can't Grow

OR RAMS as soon as the horn button can be felt; on CALVES up to 2 months old. Easy and safe treatment. One application enough. No bleeding or scars. Keeps indefinitely. Bottle sufficient for 50 head. \$1.50 prepaid. Guaranteed. At dealers, or direct from **TOMELLE M. CO., Dept. D, Calico Rock, Ark.**

after using
**TOMELLE
PASTE
ON KIDS**

VETERINARY



YOU ARE invited to write about any veterinary problems. Those accompanied by STAMPED ENVELOPE will be answered free of charge by Dairy Goat Journal staff members to the best of their ability or you will be referred to sources of information.

Selected questions of general interest will be published in this department. These are answered by DR. W. R. McCUISTION, 1110 Mistletoe Drive, Fort Worth, Tex., a veterinarian and goat breeder with many years experience in practice with goat diseases.

If a personal reply is desired from Dr. McCuiston he may be written directly, enclosing \$1 for such reply.

Ear ticks

Q: Two of our does have been holding their heads to one side and shaking them a lot. They fell off in milk production and were acting like they might have a severe headache. We happened to look into an ear and found it full of an eight legged bug that was attached to the lining very tightly. We tried to wash these out with a disinfectant but 3 days later these insects are still alive.



Dr. McCuiston

A: These are spinose ear ticks found in the arid southwest and inhabit the ears of domestic animals. Squirt some mineral oil into the ears from an oil can. This will cause the ticks to suffocate and drop out. Animals with ticks in their ears become cranky about their heads so you will have to have help in holding the does if you get the oil into the ear canal and do a thorough job. Your place is probably infested and there may be recurrence of these ticks from time to time. If so, repeat the above treatment.

Persistency

Q: Three years ago in November I purchased a bred doe. She kidded in March and gave 2 qts. per day. She apparently came in heat in October but failed to conceive. I continued milking her and, after hitting a lbw of about a pint she came back up to 2½ or 3 qts. daily. I haven't attempted to breed her since, and while she went to ½ pt. she has come back up to 3½ qts. Can this go on indefinitely?

A: I have a letter from Dr. Chas. Rager, San Antonio, Tex., who has devoted much time and study to goats over many years, and he states that he is now milking a doe which has been giving over a gallon a day for the past 3 years without breeding.

Horns

Q: We understand that you are inclined to favor horns over those individuals who have been born naturally hornless. Why?

A: There is too much sterility among the naturally hornless goats,

and it is the type of sterility that little can be done about to correct, such as pseudohermaphroditism and many other congenital defects of the reproductive organs. Goats born with horns seem to be more vigorous and reflect a natural strength and resistance that others do not have. Some geneticists think that we will never be able to breed horns entirely off of goats.

Gangrenous mastitis

Q: I have a goat that appears to have cow pox. Her teats are turning black and are shiny when full. I have another doe which seems normal in every way except one teat is turning black, the condition gradually extending up the udder.

A: This is gangrenous mastitis, a very severe and damaging form of inflammation of the udder. Better call your veterinarian early or you won't have milking goats very long.

Infected foot

Q: I noticed a grayish fluid coming out from around the hoof-line on a hind foot of our nice doe. It has been causing her considerable pain as she stands and draws the foot up and objects to anyone touching it.

A: She has an infection deep inside the hoof and it possibly came from a nail puncture. Soak the foot in hot water and examine carefully for nail hole, trim out with knife, or pare sole of hoof thin enough over sensitive area where pus will probably be released and flow out. Pack foot in sulfa powder and bandage. Take her to a veterinarian for injections of tetanus antitoxin and penicillin. Lockjaw is apt to develop from puncture wounds like this and hoof complications are almost certain to follow if infection is not stopped before structural changes take place inside the horny wall.

Swallowed the nipple

Q: One of the kids swallowed a nipple while nursing the bottle. Will this kill the kid?

A: This happens rather frequently and we have never known any bad results from swallowing a nipple. However, too many such occasions in one kid might add up to trouble. If the kid shows signs of colic give 2 tablespoons of mineral oil.



WORRY CORNER

YOU ARE invited to write Dairy Goat Journal about any problems (if your problem is veterinary, please refer to this special department in Dairy Goat Journal before writing). They will be answered free of charge, or you will be referred to sources of information. **BE SURE AND ENCLOSE STAMPED ENVELOPE FOR REPLY.** Each month a few problems of general interest will be published in this department.

Horns and hermaphroditism

Q: A neighbor has been using only hornless bucks, and has had several hermaphrodites from them. My husband says the use of horned (or dehorned) bucks will prevent this. We had a fine naturally hornless buck, but he was sterile.

A: Scientific evidence seems to indicate that your husband is correct. It is a somewhat involved genetic correlation, but it seems that the "pure polled" characteristic is also hereditarily involved with hermaphroditism and sterility. For this reason some scientists doubt if there will ever be produced a pure hornless breed of goats—the nearer pure for hornlessness the greater will be the breeding troubles.

Iron in goat milk

Q: When we put our baby on goat milk our doctor said we should add cow's milk as there isn't enough iron in goat milk.

A: "A little knowledge is a dangerous thing," and your physician should make his prescriptions safer with a bit more knowledge. True, there is not sufficient iron in goat milk for a protracted exclusive goat milk diet—but there is more iron in goat milk than there is in cow milk. However, no milk is a rich source of iron, and one should not depend on it as a chief source of this essential mineral.

Angoras

Q: I have heard of a breed of goat called Angora, but never see it mentioned in Dairy Goat Journal. Why not?

A: Angoras are raised primarily for their fleece—mohair. They are in no sense dairy animals, and hence are not within the field covered by Dairy Goat Journal. Most of the Angoras in America are in West Texas.

Foragers

Q: Which breed of dairy goats seem to be the best foragers on pasture?

A: During the years various breeders have made claims that this breed or that breed is the best forager, and putting some other breed at the bottom of the list. Average up all these conflicting reports, and it seems there is actually not much difference in the breeds.

Sitting goat

Q: We bought a doe with 2 kids. We have taken the kids, 3 months old, away from her. When we try to

milk her she sits down and refuses to cooperate with us.

A: In the event of a doe being really troublesome, one end of a small sack may be nailed to the wall against which the milking stand is fixed, about level with the doe's body, and a piece of stout cord attached to the other 2 corners. This, with the loose part of the sack, is passed under the doe and over her back, and the cord hooked on to a nail in the wall, high enough to prevent her trying to lie down.

Such a procedure is rarely necessary so long as quietness and patience are used in the first place. The doe soon learns to run up on the milking stand in anticipation of the relief to her udder.

Tuberculin testing

Q: Who should I see to get my goats tested for tuberculosis?

A: Your veterinarian can do it, or your county agricultural agent, or your state agricultural extension service can put you in touch with the Federal veterinarians in charge of tuberculin testing in your area.

Advanced Registry

Q: What does "AR" mean which I see used in connection with some goats?

A: Advanced Registry—indication that a doe has met certain minimum requirements in milk production. For details of these requirements write the secretary of the registry association.

Arthritis

Q: Do you recommend goat milk for arthritis?

A: Yes—goat milk is safely recommended as a superior food for almost any disease or condition. Properly nourish the body, and sometimes the cures that nature will perform are close to the miraculous.

Concrete barns

Q: As the basic material for a barn I am considering concrete blocks, but have been advised that such blocks make a damp barn and are not satisfactory.

A: There are many fine concrete block dairy barns, and this material makes a good barn. It combines strength, durability, economy of maintenance and resistance to fire. Any barn that is not properly ventilated will become damp, and the problem is, therefore, rather one of ventilation than of material.

BREEDER-ADE® OIL

Used and endorsed by successful breeders

Patent blend of vegetable vitamins A and E (with vitamin D₃) for use in nutritional sterility. Feed one dose a few days before mating. Used with great success by breeders in all lines. Money-back guarantee. Sent postpaid — 4 oz. only \$1.80. *Trade Mark

NUTRITIONAL RESEARCH ASSOCIATES

Department 12 South Whitley, Ind.

Imported British Saanens

3500 to 4200 lb. producers.

For Sale: Petrol's Samson, sired by imported Thundersley Petrol. Also a few very choice buck kids. Write for full information.

AMEDIO DE PIERRO
4202 Madison Ogden, Utah

Toggenburg Breeders

of serious intent

will carefully investigate breeding at least one of their best does to

KITCHAMAKIN CORM COUNT of SURIC

the British Toggenburg male that offers so much in type and production background.

—For details write—

CAPITAL DAIRY GOAT
COOPERATIVE, Inc.

Donald E. Bennett, sec.
Rt. 2 Box 170 Fairfax, Va.

DLASK'S

Purebred French Alpines



7-month-old son of *B Dlask's Bomba MacAlpine A102096, out of Dlask's Cora A103734, for sale; also a half-brother out to Dlask's Bonna MacAlpine.

—All does on HIR test—

DLASK'S BOMBA MacALPINE

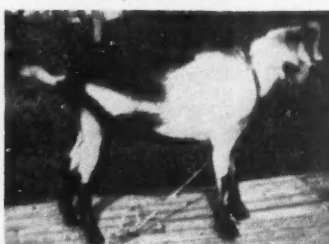
Offering my herd sire, born 1950; hornless, cou blanc. Great show animal, first prize winner in the most competitive buck shows in California. Sire *B Rocky MacAlpine; dam, Miss Annette ** M AR 1240 and 1370. Outstanding in every way.

Write for full information.

RANCHO-MERRY-O

111 Ely Ave., S. W.
CEDAR RAPIDS, IOWA

French Alpine Buck For Sale



ANDRE ST. PIERRE, 8 months, hornless. Dam: Miss Dixie Del-Norte; sire: Grantley Del-Norte's Shamrock.

LILIAN SCOTT, Sardinia, O.

--Del-Norte Goatery Registered--

Master Breeder Certificate No. 5 — AMGRA

It pays to buy direct—

From the breeder who has 25 years selective breeding of one breed; 18 years of official testing under AMGRA rules . . . who has bred such world record does as Yvonne Del-Norte, Maida Del-Norte, Gloria Del-Norte and hundreds of other great Del-Norte does.

Now available—

10 of the finest doelings, all from my best AR brood dams; the best young does we have ever raised. No bucks available until 1954.

MRS. F. N. CRAVER

Rt. 4 Bentonville Ark.

The Mille Fleur Herd

FRENCH ALPINES

1. Vigorous Constitution.
2. Physical Soundness.
3. Persistent Lactation.
4. Annual Kid Crop.

DR. W. R. McCUSTION

1110 Mistletoe Dr., Ft. Worth, Tex.

ELMCREST FRENCH ALPINES

Herd sire **B Emilio Del-Norte AR 133, son of world record ****M Yvon Del-Norte, 5094.4 lbs. milk, 195.5 lbs. butterfat in 365 days official test. • Elmcrest dams combine production and beauty.
• Stock for sale. • Bucks at stud.
HELEN KIRBY, Mechanicville, N. Y.

WILTON FRENCH ALPINES

Quality and Performance in the Pail
Weaned kids and does at prices a commercial dairy could afford.

CHARLES HOFFLE, Veterinarian
Wilton, Conn.

INDEMO'S NUBIANS

Champion-bred for production

Stock for sale at all times, including—
1 black buck, silver ears, born March; 1 red buck, coming 2 years.

H. L. WILSON

1108 Spring Branch Rd., Independence, Mo.

GOAT CLUB

Doings



Organizations of dairy goat owners are invited to contribute newsworthy items from their meetings. Mere routine "reports" will not be published—the bare fact that "Mr. Smith talked on cheesemaking" is not helpful, but a resume of information in that talk will be of value to other owners.

Reports must be written on one side of sheet only; if typewritten they must be double-spaced, or if hand-written allow comparable space between lines, with ample margins; carbon copies will not be accepted. Copy for reports must reach Dairy Goat Journal not later than the first of the month for the following issue (May 1 for June issue and so on).

SAANEN CLUB HAS SHOW AT LAURELWOOD ACRES

The Saanen Club held a specialty show at Laurelwood Acres, Chatsworth, Calif., with 68 entries. The Judge was Jack Copeland. Exhibitors were: M. A. Maxwell, Pomona; Mrs. Harriet Jahn, Van Nuys; Paul Neuberger, N. Hollywood; H. G. Conkling, Torrance; Herb Friedenthal, Sepulveda; Chevonshire Farms, Puente; H. A. Foote, Tarzana; Mrs. Myrtle Hill, Chatsworth; Laurelwood Acres, Chatsworth; Wesley Nordfelt, Chatsworth; Hans Bjornsen, Northridge; Sheila Nixon, Baldwin Park; Susan Jane Lampe, San Fernando.

Junior buck kid (5): 1, Maxwell; 2, Chevonshire Petrol, Chevonshire; 3, Chevonshire Petrol's Prospect, Chevonshire.

Senior buck kid (2): 1, Dockery Duke, Hill; 2, Delta Patrick, Maxwell.

Junior champion buck: Delta King Petrol.
Junior doe kid (10): 1, Chevonshire Queen Gloria, Chevonshire; Laurelwood Acres Alexis, Chevonshire; 3, Chevonshire Queen Carol, Nordfelt.

Senior doe kid (6): 1, Chevonshire Queen Sally, Chevonshire; 2, Laurelwood Acres Melina, Laurelwood; 3, Delta Patricia II, Maxwell.

Junior yearling (4): 1, Laurelwood Acres Snooks, Laurelwood; 2, Delta Naji's Princess, Maxwell; 3, Hylan's Helen, Conkling.

Yearling, not milking (8): 1, Chevonshire Empress Helen, Chevonshire; 2, Nordfelt's Jingle, Nordfelt; 3, Laurelwood Acres Alida, Laurelwood.

Milking yearling (9): Laurelwood Acres Star Bright, Laurelwood; 2, Chevonshire Empress Carmen, Chevonshire; 3, Delta American Girl, Maxwell.

Junior and grand champion: Chevonshire Queen Sally.

Senior champion: Laurelwood Acres Star Bright.

2 and under 3 (10): 1, Miss Sunshine of Laurelwood Acres, Laurelwood; 2, Gold Crown Princess Elizabeth, Chevonshire; 3, Miss Sun-kist of Laurelwood Acres, Foote.

4 and over (5): 1, Noreen of Laurelwood Acres, Laurelwood; 2, Nobles Countess, Chevonshire; 3, Aileen of Laurelwood Acres, Laurelwood.

Get of sire (4): 1, Get of Atlas of Laurelwood Acres, Laurelwood; 2, Get of Atlas of Laurelwood Acres, Laurelwood; 3, Get of Thundersley Petrol, Chevonshire.

Produce of dam (2): 1, Produce of Sunbeam of Laurelwood; 2, Produce of Hylan's Hertha, Conkling.

Grade kid (5): 1, Gretchen, Jahn; 2, Panay, Neuberger; 3, Maisie, Neuberger.

Grade milker (3): 1, Daisy, Neuberger; 2, June, Friedenthal; 3, Hylan's Penny, Conkling.
Best grade: Daisy.

Faturity

Buck kids (3): 1, Delta King Petrol, Maxwell; 2, Greenleaf Alexander, Foote; 3, Ballingear Apollo, Graham.

Doe kids (3): 1, Delta Queen Lola, Maxwell; 2, Hansa Herta, Bjornsen; 3, Ballingear Ariadna, Graham.—Report by Mrs. H. A. Foote, Tarzana, Calif.

CLEVELAND (O.) AREA ASSN. VOTES FOR CONSOLIDATION

With an unusually large attendance at the Sept. 11 meeting of the Cleveland Area (O.) Assn., a discussion of the unification of the two registry associations was held. A vote was called for, and it showed that the members favored the consolidation of the two organizations.

Officers were elected for the ensuing year. They are: Galen Cooley, pres.; Lee Kurfia, vice-pres.; Mrs. C. A. Boyer, sec.-treas.; Charles Boyer, director; Henry Reffner and

Arthur Korkan, alternate directors. Mr. and Mrs. Korkan will be kid show superintendents and Mr. and Mrs. Reffner will be Fair show superintendents.

The group discussed sponsoring a 4-H Goat Club, but decided to wait until the next meeting before taking action.

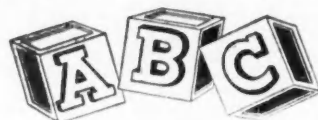
The proposed revision of the Toggenburg standards was reviewed, and it was moved and carried that the secretary write each of the AMGRA directors that we desire the color standards to remain "as is."—Report by Mrs. C. A. Boyer.

TEXAS ASSOCIATION HOLDS FOURTH MONTHLY MEETING

The fourth meeting of the newly organized Texas Gulf Coast Dairy Goat Assn. was held in the Auditorium of the University of Houston Library, with 42 in attendance. Keith Randle came nearly 300 miles to attend this session, where Dr. John Williams of the College of Agriculture of the university showed color slides and spoke on pasture improvement.

For this meeting 8 radio stations announced the meeting in advance, and the 2 largest newspapers in Houston carried pictures and story on the preceding Sunday. Three TV stations gave free time for the meeting. All together thousands of dollars of advertising was given freely to help this new industry.

The demand for goat milk in the area far surpasses the supply, and will for many years to come.—Report by C. R. Rostron, sec., Alameda, Tex.



of GOAT DAIRYING

FROM AMATEUR backyard goat owner to commercial goat dairyman, Frank Coutant grew in the dairy goat business. Here he outlines the steps to success, the pitfalls to avoid so that owning dairy goats is a money-making pleasure all along the way. Whether you own one goat or a thousand THE ABC OF GOAT DAIRYING adds to the pleasure and profit of the enterprise.

Contents

1. North America Rediscovered the Dairy Goat
2. A Hobby that May Become a Business
3. What Kind of Goat is Best for You
4. Where to Buy Goats
5. Feeding Arrangements, Stalls, and Other Barn Equipment
6. How to Build a Goat Dairy Barn
7. Feeding for Health and Milk Production
8. Care of the Milking Doe
9. Breeding Up for Better Goats
10. Breeding Suggestions and Care of the Pregnant Doe
11. Bringing up Husky, Lively Kids
12. Keeping Your Herd Healthy
13. Simple Home Treatments
14. In Conclusion

Price \$1 postpaid

DAIRY GOAT JOURNAL
Columbia, Mo.

NUBIANS LEAD IN REGISTRATIONS FOR 10 MONTHS OF 1953

Summarizing registration of the American Milk Goat Record Assn. from Dec. 1, 1952, to Sept. 30, 1953, there were 3285 registrations, divided by breed as follows:

Toggenburg	
Purebred	630
American	15
Grade	33
British	3
Saanen	
Purebred	599
American	17
Grade	53
British	6
Nubian	
Purebred	1105
American	4
Grade	25
French Alpine	
Purebred	811
American	6
Grade	55
British	2
Swiss Alpine	
Purebred	2
Rock Alpine	
Purebred	10

There were 7 crossbreeds and 1 experimental registry.

Transfers showed 303 for Toggenburgs, 200 for Saanens, 506 for Nubians, and 455 for French Alpines.—Robert W. Soens, sec., Elyria, O.

AWARDS IN DAIRY GOAT CLASSES AT SAN FERNANDO VALLEY (Calif.) FAIR

Approximately 300 goats were entered by 21 exhibitors at the San Fernando Valley (Calif.) Fair, held Sept. 3-7 at Northridge, Calif. Judge was Frederic Knop; superintendent was Vernon Hill.

A potluck lunch was served at noon on judging day by the Saanen Dairy Goat Club of California, with about 75 exhibitors and visitors participating.

Exhibitors: Isabelle Munn, San Fernando; Effie Evans, Tarzana; Elsie M. Wood, Hemet; Mrs. V. E. Thompson, Colfax; Rex L. Stevens, San Fernando; Ted V. Hobby, Sepulveda; Thelma Dempsey, San Fernando; Sheila Nixon, Baldwin Park; Alice Tracy, La Habra; Susan J. Lampe, San Fernando; James Pembroke, Anaheim; Hans W. Bjornsen, Northridge; Wesley Nordfelt, Chatsworth; M. A. Maxwell, Pomona; H. A. Foote, Tarzana; Carl W. Erbe, Northridge; Billy Conlon, Northridge; Bennie L. Roekenbach, Northridge; June E. Hutchings, Sepulveda; Finky Garman, Chatsworth; Dorothy Locklin, Temple City.

French Alpines

Junior kid (16): 1, Laurelwood Acres Celeste, Laurelwood; 2, Chevonshire Spike VI, Chevonshire; 3, Pem's Pride Sue, Pembroke.

Senior kid (10): 1, Chevonshire Queen Clarice, Chevonshire; 2, Laurelwood Acres Faline, Laurelwood; 3, Laurelwood Acres Linette, Laurelwood.

Junior yearling (3): 1, Laurelwood Acres Inez, Laurelwood; 2, Pem's Pride Josephine, Pembroke; 3, Joanne Rayden MacAlpine, Pembroke.

Yearlings, not milking (10): 1, Chevonshire Empress Marlene, Chevonshire; 2, Laurelwood Acres Spice, Garman; 3, Pem's Pride Rita, Pembroke.

2 and under 4 (11): 1, Bella Vista Brownie, Chevonshire; 2, Felicia of Laurelwood Acres, Laurelwood; 3, Felita of Laurelwood Acres, Laurelwood.

Senior Champion: Mirandy of Laurelwood Acres.

Junior champion: Laurelwood Acres Inez.

Nubian

Junior kid (16): 1, Hurricane Acres Messenger's Cricket, Tracy; 2, DaRuth Festival, Stevens; 3, Laurelwood Acres Red Penny, Laurelwood.

Senior kid (15): 1, Valle Pals Pepper, Hobby; 2, Madga of Evania, Evans; 3, DaRuth Noradee, Stevens.

Junior yearling (1): Laurelwood Acres Marita, Laurelwood.

Yearlings, not milking (7): 1, Laurelwood Acres Lil, Laurelwood; 2, Hurricane Acres Rama Champagne, Tracy; 3, Valle Pals Ginger, Hobby.

Milking yearlings (8): 1, DaRuth Challenge, Stevens; 2, Hurricane Acres Penny Patrice, Tracy; 3, Meta of Evania, Evans.

2 and under 4 (12): 1, DaRuth Nina, Stevens; 2, Mardel of Evania, Evans; 3, Valle Pals Jenny Lind, Hobby.

4 and over (5): 1, Oakwood's Duchess, Thompson; 2, Midge II of Evania, Evans; 3, Caroline of Laurelwood Acres, Laurelwood.

Senior and grand champion: Oakwood's Duchess.

Junior champion: Valle Pal's Pepper.

Saanen

Junior kid (7): 1, Delta Queen Lola, Maxwell; 2, Nordfelt's Ming Toy, Nordfelt; 3, Chevonshire Queen Be Be, Chevonshire.

Senior kid (8): 1, Delta Patricia II, Maxwell; 2, Chevonshire Queen Sally, Chevonshire; 3, Laurelwood Acres Melina, Laurelwood.

Junior yearlings (2): 1, Laurelwood Acres Snooks, Laurelwood; 2, Delta Najai's Princess, Maxwell.

Yearlings, not milking (4): 1, Chevonshire Empress Helen, Chevonshire; 2, Laurelwood Acres Starlight, Laurelwood; 3, Delta Sylvia, Maxwell.

Milking yearlings (7): 1, Chevonshire Empress Carol, Chevonshire; 2, Laurelwood Acres Starbright, Laurelwood; 3, Laurelwood Acres Stardust, Laurelwood.

2 and under 4 (8): 1, Miss Sunshine of Laurelwood Acres, Laurelwood; 2, Dumpkins of Laurelwood Acres, Laurelwood; 3, Arbor Sissy, Foote.

4 and over (5): 1, Amanda of Laurelwood Acres, Laurelwood; 2, Gold Crown Elizabeth, Chevonshire; 3, Fair-Way Bonita Cherry, Foote.

Senior and grand champion: Chevonshire Empress Carol.

Junior champion: Laurelwood Acres Snooks.

Toggenburg

Junior kid (7): 1, Chevonshire Queen Pansy, Chevonshire; 2, Laurelwood Acres Rebel, Laurelwood; 3, Chevonshire Queen Tansy, Chevonshire.

Senior kid (6): 1, Delta Alice, Maxwell; 2, Chevonshire Zula, Chevonshire; 3, Chevonshire Queen Zenobia, Chevonshire.

Yearlings, not milking (2): 1, Laurelwood Acres Laura, Laurelwood; 2, Laurelwood Deep Purple, Laurelwood.

Milking yearlings (5): 1, Chevonshire Empress Lora, Chevonshire; 2, Chevonshire Empress Pansy, Chevonshire; 3, Laurelwood Acres Laurella, Laurelwood.

2 and under 4 (6): 1, Gold Crown Queen Beta, Chevonshire; 2, Crystal of Laurelwood, Laurelwood; 3, Johnston's Supreme Karla, Laurelwood.

4 and over (2): 1, Johnston's Supreme Wynken, Chevonshire; 2, Melbourne's Lilac, Laurelwood.

Senior and grand champion: Chevonshire Empress Lora.

Junior champion: Chevonshire Queen Pansy.

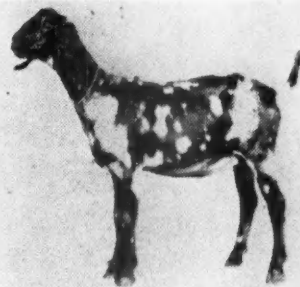
—Report by Mrs. H. A. Foote, Tarzana, Calif.

ILLINOIS ASSN. ELECTS HENSEY FOR PRESIDENT

Election of officers for the coming year was held at the Sept. 27 meeting of the Illinois Milk Goat Breeders Assn., at the home of Mr. and Mrs. John Hensey, Washington, Ill. The officers will be: John Hensey, pres.; Carl Leck, vice-pres.; Herbert Blodgett, second vice-pres.; Mrs. Helen Wells, sec.-treas.; L. H. Wells, director of exhibits; Mrs. Leo Gumbel, and Miss Myrtle Oberg, directors.—Report by Mrs. Helen Wells, sec., Springfield, Ill.

ORANGE CO. (Calif.) FAIR HOLDS ITS FIRST GOAT SHOW

The first goat show held at the Orange Co., Calif., Fair brought out 89 goats, which were judged by Hans Bjornsen. The show was sponsored by the Orange Co. Goat Assn. The goats were displayed in a tent 180 ft. long, with 2 rows of pens—with benches in the passageway between them.



Hurricane Acres Rama Champagne, second prize yearling, not milking, at the San Fernando Valley (Calif.) Fair. Bred and owned by Mrs. Alice Tracy, La Habra, Calif.

AT STUD



JELINSKI'S CHARMAIN KING

*B N106257

Dam: Katrine Charmain **M 78335

Sire: Katrine Silver Prince **B 81127

Breed your better does to this fine son of world record ancestors. Ask for information.

H. C. FRANCE

3844 W. 119 St. Hawthorne, Calif.

★ Sablemoor Quality NUBIANS

SUMMER AND FALL SPECIAL

Week old and older doe and buck kids from young Sablemoor doer of these famous lines:

JUDY PEARL AR: Highest Nubian lifetime record, 2629 lbs. milk.

ALRAKIM REBA SABINA AR: 3 Vermont records over 2000 lbs.

ALRAKIM JANICE BRITA AR: 3 Vermont records, 4 AR daughters.

SABLEMOOR PRETTY PENNY AR: 2 Vermont records over 1946 lbs. milk, over 100 lbs. fat.

Prices \$25 and up, at one week. Write for herd list.

Continuous DHIA testing. State Certified Bang's free.

NANCY WATSON, Putney, Vermont

Purebred Nubian Bucks

One 18 months old.

One born Sept. 12, 1953.

Both sired by Plainview Elmer II N-10514; dam is Dean's Cassie N-11427.

KRAMER'S GOAT DAIRY

Rt. 4 New Castle Pa.

Phone OL 2-9064

Desert Nubians

Championships earned for both conformation and production. Stock usually for sale. Please write

MRS. J. C. LINCOLN,
Scottsdale, Ariz.

PLAINVIEW NUBIAN GOAT DAIRY

Elam S. Horst, owner, Bareville, Pa.

Home of Imported Budletts Mariner and Valley Park Hill Brutus Sandy—both at stud to approved does.

Kids for sale at live-and-let-live prices

CAPE MAY NUBIANS



Have stood the test of time! They have true Nubian type, plus long lactation and production. • Have a few early spring born doelings for sale, \$75 - \$85. Black with silver ears. • This is top quality stock — it pays to buy the best, so start right by buying quality stock.

ELIZABETH BUCH
White Oak Rd., R. D. 1 Sandston, Va.

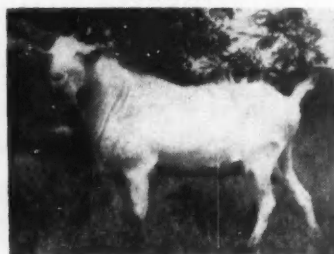
HELENE'S NUBIANS

Will have 3 bred does to offer;
one bred doeling.

HELENE ADAMS
3050 E. Ft. Lowell Rd. Tucson, Ariz.

HAREM ACRES

Saanens



AT STUD

WILD HILLS FIGARO II

Descendant of 4 AR ancestry and
world record producers

MR. & MRS. HARRY SELLS
210 S. Water St. Chesterfield, Ind.



This is Pinckney Farm's Aribou
whose litter sister, ARI-
LOU, milked 11.6 lbs. as
first freshener — their
grandam milked 4582
lbs. 365 days!
Pictures on request
PEBBLEHAVEN, Perkiomenville, Pa.

Saanen
AMGRA

DAKOTA

Saanen
AGS

Outstanding Buck at Stud
Son Moonlarch Endymion Jr.
TOUGH GUY OF SWAYING PINES

Postal for information

J. H. BROHMAN

Thompson

N. Dak.

BEECH HILL SAANENS

Hardy, Maine-grown stock
with

LONG LACTATIONS

—Booking 1953 kids—

MRS. C. M. STANFORD, Wayne, Maine

AWARDS IN DIARY GOAT CLASSES AT THE ILLINOIS STATE FAIR

Exhibitors: Marold Mauler, Columbia, Mo.;
Myrtle Oberg, Moline, Jess Turner, Trenton,
Mo.; Harvey Considine, Portage, Wis.; Mont
Dailey, Plainfield, Ind.; Carl Leek, Decatur;
Helen J. Scott, Grandview, Mo.; Mrs. C.
Caswell, Springfield; John Hensley, Washing-
ton; Ann Eggerding, Indianapolis, Ind.; H. L.
Wilson, Independence, Mo.; L. H. Wells,
Springfield; W. P. Stuart, Sherman; Dr. C. E.
Leach, Columbia, Mo.; Morris W. Gilbert,
Lowell, Ind.; Herbert Blodgett, Yates City.
Judge: Robert M. Reinhardt.
Supt.: John Norris.

Toggenburgs

5 and over (5): 1, Venus of Mena, Mauler;
2, Oberg's Lady Valentine, Oberg; 3, Turner's
Cecence, Turner.
3 and under 5 (3): 1, Turner's Estelle,
Turner; 2, Oberg's Laddiana, Oberg; 3,
Turner's Flower, Mauler.
2 and under 3 (7): 1, Edina Hills Surge,
Turner; 2, Turner's Freda, Turner; 3, Diamond
Glory Anne, Considine.

Milking yearling (5): 1, Turner's Helena,
Turner; 2, Superdution Princess, Mauler;
3, Diamond Janace, Considine.

Yearling, not milking (4): 1, Oberg's Alaska,
Oberg; 2, Diamond Foxie, Considine; 3,
Oberg's Nancy Lee, Oberg.

Senior kid (8): 1, Turner's Ida, Turner; 2,
Mauler's Duchess, Mauler; 3, Oberg's Donna-
belle, Oberg.

Junior kid (8): 1, Oberg's Donalele, Oberg;
2, Mauler's Daisy, Mauler; 3, Oberg's Dona-
cara, Oberg.

Dam-daughter (8): 1, Turner's Estelle and
Turner's Ida, Turner; 2, Oberg's Lady Valen-
tine and Oberg's Mar Velenta, Oberg; 3,
Oberg's Laddidonna and Oberg's Alaska, Oberg.

Herd (4): 1, Oberg's Valentine, Oberg's
Alaska and Oberg's Donabelle, Oberg; 2,
Turner's Estelle, Turner's Helen and Turner's
Ida, Turner; 3, Oberg's Laddiana, Oberg's
Nancy Lee and Oberg's Dona Starr, Oberg.

Get of sire (5): 1, Get of Oberg's Don
Anchorage, Oberg; 2, Get of Oberg's Laddieldo,
Oberg; 3, Get of Turner's Thad, Mauler.

Senior and grand champion: Venus of Mena.
Junior champion: Turner's Ida.
Governor's trophy—best 8 head: Oberg.

French Alpines

5 and over (2): 1, 13 Acre Sandra, Leek;
2, 13 Acre Lorene, Scott.
3 and under 5 (8): 1, 13 Acre Vicki, Caswell;
2, 13 Acre Normagene, Scott; e, 13 Acre Micki,
Caswell.

2 and under 3 (8): 1, 13 Acre Valerie,
Caswell; 2, 13 Acre Dixie, Caswell; 3, De-Arre
Sheila, Hensley.

Milking yearling (5): 1, Leekwood Melanie,
Leek; 2, 13 Acre Nelmar Sherry, Scott; 3,
13 Acre Nelmar Michelle, Scott.

Yearling, not milking (8): 1, 13 Acre
Nelmar Cindy, Scott; 2, Kathy of Silver
Spring, Leek; 3, 13 Acre Melodie, Caswell.

Senior kid (8): 1, 13 Acre Cathie, Caswell,
2, 13 Acre Debra, Caswell; 3, Nelmar Norree,
Scott.

Junior kid (8): 1, 13 Acre Mi-Little Margie,
Caswell; 2, 13 Acre Marilee, Caswell; 3, Del-
Arre Francianna, Hensley.

Dam-daughter (8): 1, Iola of Silver Spring
and Leekwood Ida, Leek; 2, 13 Acre Valerie
and 13 Acre Veronica, Caswell; 3, 13 Acre
Connie and 13 Acre Cathie, Caswell.

Herd (8): 1, 13 Acre Valerie, 13 Acre

Veronica and 13 Acre Cathy, Caswell; 2, Erin-
leigh Normagene, 13 Acre Cindy and Nelmar
Loree, Scott; 3, Leekwood Melanee, Leekwood
Cathy and Leekwood Ida, Leek.

Get of sire (8): 1, Get of 13 Acre Victor,
Caswell; 2, Get of Sunset Andre, Leek; 3,
Get of Illini Lad II, Caswell.

Senior produce of dam (5): 1, Produce of
13 Acre Sandra, Caswell; 2, Produce of 13
Acre Deborah, Caswell; 3, Produce of Erin-
leigh Skylark, Caswell.

Junior produce of dam (3): 1, Produce of 13
Acre Miki, Caswell; 3, Produce of 13 Acre
Valerie, Caswell.

Senior and grand champion: 13 Acre Valerie.
Junior champion: 13 Acre Cindy.

Governor's trophy—best 8 head: Caswell.

Nubians

5 and over (5): 1, Indemos Tutone Red,
Wilson; 2, Silver Bell Esme, Wells; 3,
Germonts Peggy, Dailey.

3 and under 5 (8): 1, Mountainbrook Twyla,
Stuart; 2, Glosser's Polly, Wells; 3, Indemos
Alice, Wilson.

2 and under 3 (8): 1, Silver Bell Charm,
Wells; 2, Indemos Betty, Wilson; 3, Indemos
Inky, Wilson.

Milking yearling (5): 1, Pippina Alicia,
Stuart; 2, Pippina Aletta, Stuart; 3, Germonts
Fawn, Dailey.

Yearlings, not milking (8): 1, Pippina
Fathia, Stuart; 2, Pippina Fatima, Stuart;
3, Indemos Cindy, Wilson.

Senior kid (8): 1, Pippin's Lavonda, Stuart;
2, Indemos Jane, Wilson; 3, Indemos Jean,
Wilson.

Junior kid (8): 1, Germont's Molly, Dailey;
2, Imperial Nibbling, Leach; 3, Indemos Ruth,
Wilson.

Dam-Daughter (8): 1, Rose and Charm,
Wells; 2, Mountainbrook Twyla and Pippina
Fatima, Stuart; 3, Tutone Red and Indemos
Betty, Wilson.

Herd (8): 1, Mountinbrook Twyla, Pippin
Fatima and Pippin Loveada, Stuart; 2, Indemos
Alice, Indemos Molly and Indemos Jane,
Wilson; 3, Indemos Bess, Indemos Cindy and
Indemos Jean, Wilson.



Use Your Goat Milk

Cut living costs

and improve health

GOAT MILK and the products of the
goat can be the backbone of your
living! Here are four valuable book-
lets that help you use (and sell, if you
wish) your goat milk.

GOAT PRODUCTS COOK BOOK

Selected recipes—nearly 100 of them—
for using goat milk and goat products.
Soups, chevon, salads, vegetables, breads,
cakes, cookies, pie, desserts, ice cream,
drinks, and so on. 25c postpaid.

BUTTER FROM GOAT MILK

Tired of "oley" and butter too expensive?
Owners of but a single goat can make
butter from occasional spare milk. Large
owners can always have butter. Dairymen
can make a profitable business by using
surplus milk for butter. This booklet tells
how. 25c postpaid.

BUTCHERING, CHEVON AND HIDES

The best meat on your table can come
from your goats! This illustrated booklet
tells you how to butcher, how to cut up
the carcass and prepare it for use. Also
how to care for the hides. 25c postpaid.

HOME CHEESEMAKING

The world's finest cheeses are made of
goat milk. You can do it at home with
these simple recipes; equally suitable for
small scale commercial production. 25c postpaid.

DAIRY GOAT JOURNAL
Columbia, Missouri



Indemo's Tutone Red, champion
Nubian doe at the Illinois State Fair
and at the show of the Missouri Milk
Goat Breeders Assn. held in conjunc-
tion with the Boone Co. Fair. She is
owned by H. L. Wilson, Indemo's
Nubians, Independence, Mo.

Answers to your Questions

DO YOU have questions coming up regularly in the keeping of your goats? Questions such as these—

How much should a doe be fed?

Open your copy of Aids to Goatkeeping to page 41 for the answer.

How can I dehorn my goat?

A chapter of Aids to Goatkeeping is entitled Dehorning and Other Operations.

What ration is best for my goats?

An entire chapter of Aids to Goatkeeping is devoted to feeding.

What shall I look for when I buy?

Suggestions, helps and warnings make up a chapter on this subject.

My doe's milk has blood in it!

Don't worry! Aids to Goatkeeping discusses this on page 90.

What is a grade goat?

Just turn to page 47 of Aids to Goatkeeping—all systems of breeding are discussed in this chapter.

How can I know when my doe is ready to breed?

Page 52 of Aids to Goatkeeping has the answer.

YES, questions like these, and hundreds more, come up in goatkeeping every day. Some of them can cost you a lot of money, too, if you don't have the answers when you need them.

AIDS TO GOATKEEPING is the ONE book designed to meet this very need. . . . Look at the list of contents below and see how important it is that you have your copy now to answer all these questions that come up.

Aids to Goatkeeping

Fifth Edition

—CONTENTS—

- | | |
|--------------------------------|------------------------------------|
| 1. Foreword | 12. Milking |
| 2. Pre-Goatkeeping Suggestions | 13. Production Records |
| 3. Suggestions for Purchasing | 14. Care of Milk |
| 4. Housing and Equipment | 15. Ill-Flavored Milk |
| 5. Care and Management | 16. Udder Troubles |
| 6. Feeding | 17. Ailments |
| 7. Breeding | 18. Parasites |
| 8. Care of the Dry Doe | 19. Dehorning and Other Operations |
| 9. Care of the Freshening Doe | 20. Common Sense in Goatkeeping |
| 10. Care of kids | 21. Goatkeeping Definitions |
| 11. Care of the Buck | |

—54 illustrations—

Price \$2 postpaid

Order your copy today

DAIRY GOAT JOURNAL
Columbia, Mo.

Get of sire (8): 1, Get of Indemos Oakwood, Wilson; 2, Get of Sir Lancelot, Stuart; 3, Get of King Midas, Dailey.

Senior and grand champion: Twotone Red. Junior champion: Pippin's Fathia. Governor's trophy—best 8 head: Wilson.

Saanens

5 and over (3): 1, Bee-Ridge Lily, Gilbert; 2, Columbine Natalie of Ownapet, Considine; 3, Cedarbrook's Alice, Blodgett.

3 and under 5 (5): 1, Veda's Sedalia of Ownapet, Considine; 2, Dainty Colette of Ownapet, Considine; 3, Bernina Sabina's Sylvia, Gilbert.

2 and under 3 (7): 1, Veda's Zelda of Ownapet, Considine; 2, Tally's Linda of Ownapet, Considine; 3, Lilly's Rose, Gilbert.

Milking yearling (2): 1, Gwen's Philogene of Ownapet, Considine; 2, Okridge Jane, Gilbert.

Yearling, not milking (5): 1, Veda's Laurette of Ownapet, Considine; 2, Tally's Lone Jerome of Ownapet, Considine; 3, Wonderland Ellen, Blodgett.

Junior kid (6): 1, Diamond Cathy, Considine; 2, Diamond Colette, Considine; 3, Wonderland Bridget, Blodgett.

Dam-daughter (5): Columbine Natalie of Ownapet and Tally's Linda of Ownapet, Considine; 2, Bee-Ridge Lilly and Lillie's Rose, Gilbert; 3, Dainty Colette and Diamond Cathy, Considine.

Herd (5): 1, Veda's Zelda, Veda's Lavette and Diamond Cathy, Considine; 2, Veda's Sedalia, Tally's Jorene and Dainty Colette, Considine; 3, Cedarbrook Alice, Wonderland Ellen and Wonderland Bridget, Blodgett.

Get of ire (1): 1, Get of Columbine Flash of Ownapet, Considine.

Senior and grand champion: Veda's Sedalia. Junior champion: Diamond Cathy.

Governor's trophy—best 8 head: Considine.

Milking Contest

Toggenburg (5): 1, Venus of Mena, 45.9 lbs., Mauler; 2, Turner's Estelle, 37.6 lbs., Turner; 3, Edina Hills Surge, 27.2 lbs., Turner.

Saanen (5): 1, Veda's Zelda Ownapet, 36.3 lbs., Considine; 2, Bee-Ridge Lily, 34.6 lbs., Gilbert; 3, Tally's Linda Ownapet, 32.7 lbs., Considine.

Nubian (5): 1, Indemos Tutone Red, 42.7 lbs., Wilson; 2, Mountbrook Sue, 36.4 lbs., Stuart; 3, Glosser's Polly, 35.8 lbs., Wells.

French Alpine (5): 1, Julene of Silver Springs, 35.8 lbs., Leek; 2, Fran Marva, 35.2 lbs., Hensley; 3, 13 Acre Normagene, 31 lbs., Scott.

AWARDS IN DAIRY GOAT CLASSES AT CALIFORNIA STATE FAIR

There were 258 entries judged by C. F. Calkins at the California State Fair at Sacramento. Exhibitors included: Mr. & Mrs. Donovan A. Beal, Merced; Frank Ecker, Modesto; Irvin & Irene Frith, Chatsworth; Dolly & Mark Rose, Santa Rosa; E. Ed. Taylor, Modesto; Dr. C. C. Warkentin, Fair Oaks; N. S. Goodridge, Auburn; Leroy & Melvina Nordfelt, Ripon; Joe & Marguerite Achondo Bryte; Rupert & Virginia Alen, Pleasant Grove; Helen Goodridge, Auburn; Mrs. V. E. Thompson, Colfax; Helen F. Tyler, Grizzly Flats; Mary Ann Frith, Chatsworth.

French Alpines

5 and over (8): 1, Rio Linda La Mae, Taylor; 2, Gee Bee Rose Ann, Beal; 3, Gee Bee Rosebud, Beal; 4, Rio Linda Maria Juanita, Goodridge.

3 and under 5 (9 entries): 1, Rio Linda Maria Josephine, Goodridge; 2, Rio Linda Maria Papita, Goodridge; 3, Gee Bee Daisy, Beal; 4, Hidden Acres Bernice, Warkentin.

2 and under 3 (8 entries): 1, Oakwood's Bando, Thompson; 2, Westwood's Suzy Bel, Taylor; 3, Sunset Adelia, Ecker; 4, Green Acre Andre Annette, Warkentin.

Milking yearling (10): 1, Westwood's CaPrice Girl, Taylor; 2, Naja Glee, Beal; 3, Westwood's Monaca, Taylor; 4, Oakwood's Clarice, Thompson.

Yearling, not milking (9): 1, Rio Linda Josephine Leota, Goodridge; 2, Rio Linda Onita, Goodridge; 3, Oakwood's Flossie, Thompson; 4, Green Acre Bows, Warkentin.

Senior kid (12): 1, Westwood's Denice, Taylor; 2, Westwood's Camille, Taylor; 3, Rio Linda Zondette, Goodridge; 4, Senset Berna, Ecker.

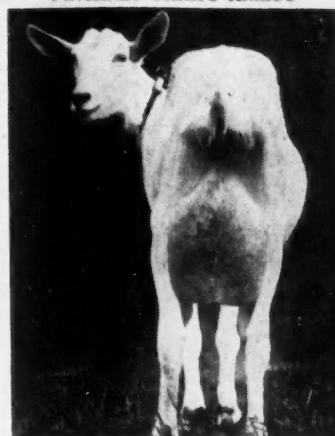
Junior kid (10): 1, Green Acre Cherie, Warkentin; 2, Oakwood's Charmain, Thompson; 3, Rio Linda Papita Brenda, Goodridge; 4, Green Acre Cathy, Warkentin.

Senior and grand champion: Rio Linda LaMae.

Junior champion: Green Acre Cherie. Get of sire (6): 1, Get of Moby Dick of Holly Hill, Thompson; 2, Get of Rebecca Cavelier of Sylvia, Taylor; 3, Get of Gee Bee Rod, Beal; 4, Get of Sunset Jerry, Tyler.

Junior get of sire (6): 1, Get of Green Acre

PINCKNEY FARM'S ARILOU



A MESSENGER daughter as a first freshener. Kidding June 8. Milked 962.6 lbs. to Oct. 1. High day 5 1/4 qts. Daily average exceeds 4 1/4 qts.

A MESSENGER daughter has recently been SUPREME CHAMPION of ALL BREEDS at 3 shows in England.

MESSENGER is at LIMITED stud service to APPROVED does by APPOINTMENT only.

PINCKNEY FARM'S SAANENS
Carmel, N. Y.

Mel-O-Roy Saanens



Check our winnings in the show ring and at the milk pail! See what our stock has done in other herds! Some select animals now for sale, including extra fine 1953 buck and doe kids—and booking orders for 1954 kids.

LEREOY & MELVINA NORDFELT
MEL-O-ROY GOAT FARM
Rt. 1 Box 326 Ripon, Calif.

SAANEN GOATS

Advanced Registry Breeding
BUCKS and DOES

1 1/2 year old—ready to be bred for the first time.

Fine, sound animals . . . best in bloodlines. High lactation . . .

A Real Bargain
at \$50

BEROL LODGE

710 East 14th St.

New York 9

New York

MILK RECORD SHEETS



Simplified, convenient—for 10 goats for 2 weeks, or 1 goat for 20 weeks. 8 1/2 x 11 in. 10c each; 5 for 25c; 50 for \$1, postpaid. DAIRY GOAT JOURNAL
Columbia, Mo.

BROOKFIELD SAANENS

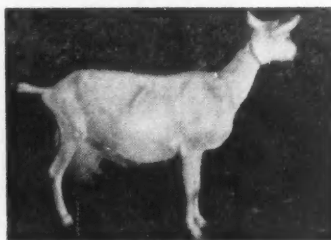


Choice buck out of AR Champion doe on left.

MARGUERITE BANOS
Delaware, N. J.

MORADA SAANENS

Rt. 2 Box 823
Stockton, Calif.



Herd sire

Son of Imported

\$\$44† MOSTYN MESSENGER

1954 Kids may be reserved

CHRIS & ALOHA ANDRESAKIS

GREENLEAF SAANENS

Show and Production Records
On Official Test

—Reserve your 1954 kids now—

H. A. FOOTE

18404 Collins St. Tarzana, Calif.

Andre, Warkentin; 2, Get of Laurelwood Acres Mike, Warkentin; 3, Get of Gee Bee Rod, Beal; 4, Get of Rio Linda Capre's Rolland, Goodridge. Produce of dam (7): 1, Produce of Sunflower Pierrot's Syndy, Thompson; 2, Produce of Rio Linda Maria Teresa, Goodridge; 3, Produce of Jensen's Mickey, Beal; 4, Produce of Hidden Acres Bernice, Warkentin.

Dairy herd (6): 1, Gee Bee Rose Ann, Gee Bee Rosebud, Gee Bee Daisy and Naja Glee, Beal; 2, Rio Linda La Mae, Westwood's Suzy Bell, Westwood's Monaca and Westwood's CaPrice Girl, Taylor; 3, Daintiladi of Mountain Home, Clarabell of Mountain Home, Julie of Mountain Home and Pinky of Mountain Home, Tyler.

Young herd (9): 1, Westwood's Suzy Bell, Westwood's Cameo, Westwood's Monaca and Westwood's CaPrice Girl, Taylor; 2, Oakwood's Bando, Oakwood's Rena, Oakwood's Clarice and Oakwood's Flossie, Thompson; 3, Naja Joy, Naja Glee, Naja Gay Girl and Naja Blythe, Beal.

Premier breeder: Goodridge.
Premier exhibitor: Goodridge.

Nubians

5 and over (6): Naja Delora, Beal; 2, Naja Paula, Beal; 3, Naja Brenda, Beal; 4, Naja Nolita, Beal.

3 and under 5 (9): 1, Mayru's Ginger, Alen; 2, Mayru's Twinkles of Evania, Alen; 3, Mayru's Ro-Ann, Achondo; 4, Naja Koleta, Beal.

2 and under 3 (13): 1, Naja Oveta, Beal; 2, Naja Dena, Beal; 3, Mayru's Tulip, Alen; 4, Naja Debra, Beal.

Milking yearling (5): 1, Oakwood Snocap's Helen, Thompson; 2, Naja Lyola, Beal; 3, Mayru's Tess, Alen; 4, Naja Nekita, Beal.

Yearling, not milking (11): 1, Oakwood's Darling, Thompson; 2, Naja Rodanna, Beal; 3, Oakwood's Janell II, Thompson; 4, Mayru's Lindalou, Alen.

Senior kid (8): 1, Mayru's Terri Lee, Alen; 2, Naja Delma, Beal; 3, Oakwood's Veda, Thompson; 4, Oakwood's Sherry, Thompson. Junior kid (7): 1, Naja Zorelda, Beal; 2, Naja Noella, Beal; 3, Roxanne of Silver Pines, Fritch; 4, Mayru's Jannette, Alen.

Senior and grand champion: Mayru's Ginger. Junior champion: Oakwood's Darling.

Get of sire (5): 1, Get of Alrakim King Farouk, Beal; 2, Get of Naja Morago, Beal; 3, Get of Mayru's Thor of Evania, Alen; 4, Get of Naja Nimrod, Thompson.

Junior get of sire (5): 1, Get of Melkeywhey Garry, Beal; 2, Get of Katrein's Rajah, Alen; 3, Get of Oakwood's Merry Q Mottle, Tyler. Produce of dam (4): 1, Produce of Naja Paula, Beal; 2, Produce of Naja Delora, Beal; 3, Produce of Toy Anned, Alen; 4, Produce of Mountain Home's Merry Q Mottle, Tyler.

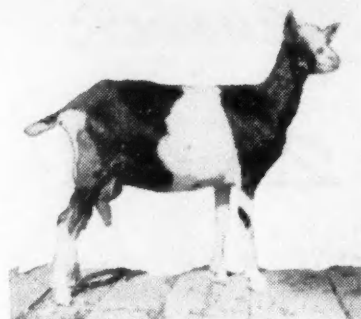
Dairy herd (4): 1, Mayru's Ginger, Aakri Doleen, Mayru's Twinkles of Evania and Mayru's Tulip, Alen; 2, Naja Delora, Naja Brenda, Naja Dena and Naja Oveta, Beal; 3, Naja Paula, Naja Koreta, Naja Koleta and Naja Debra, Beal.

Young herd (5): 1, Naja Della, Naja Debra, Naja Dena and Naja Oveta, Beal; 2, Naja Gretna, Naja Rilla, Naja Lyola and Naja Nekita, Beal; 3, Mayru's Tulip, Mayru's Easter, Mayru's Tess and Mayru's Lindalou, Alen.

Premier breeder: Beal.
Premier exhibitor: Beal.

Saanens

5 and over (6): 1, Mel-O-Roy Lucita, Nord-



Oakwood's Bando, first prize 2-year French Alpine doe at the California State Fair, pictured as a yearling. Bred and owned by Mrs. V. E. Thompson, Colfax, Calif.

felt; 2, Dolly-Mark Shar-Leen, Rose; 3, Rio Linda Heidi Jean, Goodridge; 4, Rio Linda American Beauty, Goodridge.

3 and under 5 (8): 1, Mel-O-Roy Snookums, Nordfelt; 2, Westwood's Ella, Taylor; 3, Rio Linda Pride's Jan, Goodridge; 4, Mel-O-Roy Gustine, Nordfelt.

2 and under 3 (9): 1, Mariposa Eva's Charlotte, Taylor; 2, Mariposa Eva's Charity, Taylor; 3, Mel-O-Roy Lindy, Nordfelt; 4, Rio Linda Pride's Joyce, Goodridge.

Milking yearling (7): 1, Mel-O-Roy Flower, Nordfelt; 2, Mel-O-Roy Show Bee Girl, Nordfelt; 3, Mel-O-Roy Snow, Nordfelt; 4, Westwood's Estelle, Taylor.

Yearling, not milking (7): 1, Mel-O-Roy Snacker, Nordfelt; 2, Rio Linda Beacon's Anita, Goodridge; 3, Mel-O-Roy Lucille, Nordfelt; 4, Salinas Angelena, Rose.

Senior kid (11): 1, Mel-O-Roy Sneaker, Nordfelt; 2, Mel-O-Roy Even, Nordfelt; 3, Mel-O-Roy Snicker, Nordfelt; 4, Naja Cobler, Beal.

Junior kid (12): 1, Mel-O-Roy Granny, Nordfelt; 2, Mel-O-Roy Leleene, Nordfelt; 3, Rio Linda Damon's Gay, Goodridge; 4, Westwood's Eva of Charity, Taylor.

Senior and grand champion: Mel-O-Roy Lucita.

Junior champion: Mel-O-Roy Snacker. Get of sire (4): 1, Get of Delta General Lee, Nordfelt; 2, Get of Mel-O-Roy Beaconlight, Nordfelt; 3, Get of Dona's Pride of Wasatch, Goodridge; 4, Get of Dolly-Mark's Bonnedell Mark, Rose.

Junior get of sire (8): 1, Get of Delta General Lee, Nordfelt; 2, Get of Mel-O-Roy Victor, Nordfelt; 3, Get of Mel-O-Roy Beaconlight, Goodridge; 4, Get of Naja Best Man, Beal.

Produce of dam (5): 1, Produce of Mel-O-Roy Snookums, Nordfelt; 2, Produce of Mel-O-Roy Eva, Nordfelt; 3, Produce of Rio Linda American Beauty, Goodridge; 4, Produce of Noble's linnea Lou, Beal.

CAPRICE SAANENS

The best of England's Saanen breeding combined with some of the best in America.

At Stud

IMPORTED

\$\$43† Etherley Mynas

The great sire from England's heaviest milk-producing lines that is proving himself in America. To approved does only—write for information.

Kids sired by Mynas have just won first and second in the huge Frederick Fair in the "All-Breed Futurity"—note other winnings of his offspring here and at other shows!

For Sale

We have selected some extra fine does both purebred and grade, bred to Mynas, which we are offering to you. Your opportunity to secure this fine breeding for your herd improvement.

THREE BEES FARM TOGGENBURGS

At Stud:

CHIKAMING *B BEAU LEON
and
SUNSET HOLLOW PAUL

ELIZABETH & JOHN COWLES
MERIDEN, NEW HAMPSHIRE

AUSTIN ACRES

Purebred Toggenburgs
For Sale: 1953 Kids

AT STUD

**B MAPINE ADAM
AR Herd Sire 146
Recently of Dorothy Martin's Suric Herd

GILBERT BARRY AUSTIN
East Hartland, Conn.

YALAHUA GUAVA

Typy Toggenburg yearling, pen bred
to British Toggenburg buck, "Counter-
feit." \$75 fob Washington, D. C.

DONALD E. BENNETT
Rt. 2 Box 170 Fairfax, Va.
Phone Wash., D.C., JE2-8113

ARCADIA TOGGENBURGS

DIAMOND'S DENE—At Stud

One of his handsome sons for sale; 4
spring doe kids for sale. These animals
backed by finest of pedigrees. Inquiries
answered promptly.

Robert Harmon Box 193 Arcadia, Mo.

Dairy herd (6): 1, Mel-O-Roy's Lucita,
Mel-O-Roy's Gustine, Mel-O-Roy's Snookums
and Mel-O-Roy's Shawlane, Nordfelt; 2, Mel-O-
Roy's Flower, Mel-O-Roy's Snow, Mel-O-Roy's
Show Bee Girl and Mel-O-Roy's Evangeline,
Nordfelt; 3, Rio Linda American Beauty,
Rio Linda Heidi Jean, Rio Linda Pride's Jan
and Rio Linda Bo-Peep, Goodridge.

Young herd (7): 1, Mel-O-Roy's Shawlane,
Mel-O-Roy's Snow, Mel-O-Roy's Flower and
Mel-O-Roy's Show Bee Girl, Nordfelt; 2, Mel-
O-Roy's Shawlane, Mel-O-Roy's Lucille, Mel-
O-Roy's Snacker and Mel-O-Roy's Evangeline,
Nordfelt; 3, Rio Linda Pride's Joyce, Rio
Linda Beacon's Dona, Rio Linda Beacon's
Cameo and Rio Linda Beacon's Anita, Good-
ridge.

Premier breeder: Nordfelt.
Premier exhibitor: Nordfelt.

Toggenburgs

5 and over (6): 1, Caprahaven Annette,
Ecker; 2, Bea of Silver Pines, Fritch; 3,
Dolly-Mark-Fontana Hilda's Henrietta, Rose.

3 and under 5 (11): 1, Rio Linda Dulcie,
Taylor; 2, Black Cat Billie Dove; 3, Dolly-
Mark B. C. Dolly-euns, Rose; 4, Rio Linda
Dulcita, Taylor.

2 and under 3 (7): 1, Sunset Lady Grace,
Ecker; 2, Green Acre Ada, Warkentin; 3,
Green Acre Alice, Warkentin; 4, Rio Linda
Dulcie, Taylor.

Milking yearling (10): 1, Rio Linda Ceres
Duncan, Taylor; 2, Naja Pepper, Beal; 3,
Naja Ginger, Beal; 4, Green Acre Bunny,
Warkentin.

Yearling, not milking (6): 1, Green Acre
Belva, Warkentin; 2, Green Acre Boots, War-
kentin; 3, Sunset Lady Twila, Ecker; 4,
El Chivar's Lorry II, Beal.

Senior kid (10): 1, Naja Hershey, Beal; 2,
Westwood's Jane, Taylor; 3, Westwood's Jean,
Taylor; 4, Sunset Lady Yolo, Ecker.

Junior kid (10): 1, Green Acre Constance,
Warkentin; 2, Sunset Lady Tina, Ecker; 3,
Sunset Lady Tana, Ecker; 4, Westwood's
Wanda, Taylor.

Senior and grand champion: Caprahaven
Annette.

Junior champion: Naja Hershey.
Get of sire (2): 1, Get of Yokelawn Crystal
Dalewood, Warkentin; 2, Get of Sunshine
Pink's Bonita, Rose.

Junior get of sire (6): 1, Get of Dolly-
Mark's Fink Bonita Marcal, Beal; 2, Get of
Sewickley King's Heir, Taylor; 3, Get of
Chuck of Silver Pines; 4, Get of Yokelawn
Crystal Dalewood, Warkentin.

Produce of dam (6): 1, Produce of Flora-
crest Bluebonnet, Warkentin; 2, Produce of
Dolly-Mark's Elet's Sherry, Beal; 3, Produce
of Rio Linda Dulcita, Taylor; 4, Produce of
El Evelo Tivilla, Ecker.

Dairy herd (6): 1, Rio Linda Dulcie, Rio
Linda Dulcita, Rio Linda Dulcie and Rio
Linda Ceres Duncan, Taylor; 2, Black Cat
Billiedove, Dolly-Mark's Elt's Sherry, Naja
Pepper and Naja Ginger, Beal; 3, Floracrest
Bluebonnet, Green Acre Donna, Green Acre
Ada and Green Acre Alice, Warkentin.

Young herd (7): 1, Green Acre Abigail,
Green Acre Bunny, Green Acre Beauty and
Green Acre Betty Anne, Warkentin; 2, Naja
Pepper, Naja Ginger, Naja Cinnamon and
Naja Hershey, Beal; 3, Sunset Lady Grace,
Sunset Lady Twila, Sunset Lady Yolo and
Naja Tumbleana, Ecker.

Premier breeder: Warkentin.
Premier exhibitor: Warkentin.

CHIKAMING HERD

(On continuous official test for 16 years)

Toggenburg • Nubian • Saanen

Bred for good udder type and consist-
ently good family milking inheritance

MRS. CARL SANDBURG
Flat Rock North Carolina

KONGELIG HERD

on continuous official test

FRENCH ALPINE

SAANEN

NUBIAN

TOGGENBURG

FOR SALE

A few AR does, star bucks, and kids
from high producing AR does.

MRS. REJSENDE AANDRIG
MR. & MRS. ANDERS VAN TAUBER

North Military Drive
Rt. 11 Box 536
San Antonio, Tex.

HELM'S

Dehydrated goat milk, 1 lb. \$2.50
Box 75 goat milk capsules 1.00
4 oz. All-Purpose Cream 1.00
Postpaid. 20% discount when pur-
chased by the dozen. New address—
HELM GOAT MILK PRODUCTS
148 Vista Dr. Jackson, Mich.

LAURELWOOD ACRES LEADS AGAIN

LOS ANGELES COUNTY FAIR, Pomona, Calif.

Highest score in milk production competition—all breeds, all ages



Grand Champion

{ Alpine
Saanen

First place dairy herd

{ Alpine
Nubian
Saanen

First place get of sire

{ Alpine
Nubian
Saanen

First place produce of dam

{ Alpine
Nubian
Saanen



YOUNG BUCKS FROM THESE WINNING DOES AVAILABLE NOW

Laurelwood Acres, Chatsworth, Calif.

Classified ADS

Breeders' Rates: 7c a word for single insertion. 6 consecutive insertions of same ad, ordered in advance, for the price of 5; 12 such insertions at cost of 8. Minimum \$1 an insertion. Count all initials, numbers and abbreviations as words.

Commercial Rates: 10c a word, minimum 20 words, same discounts as above.

Copy for classified ad must reach Dairy Goat Journal before the 5th of the month preceding date of publication (April 5th for May issue, and so on). If possible send ads earlier so that you may receive acknowledgments for possible correction before that date. Ads arriving after closing date appear in next available issue.

References: All new advertisers must furnish at least one bank and one business reference—ads will not be published until such references are thoroughly checked (you will save time by submitting written statements from references with your ad order).

Cash in full must accompany order. If you are not certain as to the cost of your ad, write it out and send it to Dairy Goat Journal, and we will bill you for it in advance.

1953 NOVEMBER 1953

SUN	MON	TUE	WED	THUR	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Remember Nov. 5—the last day for your advertisement to reach Dairy Goat Journal for insertion in the December issue.

AT STUD

FRENCH ALPINES

MAY STAND FA-2670, a select few. Where service will be permitted minimum stud fee of \$75 will be charged. Grasslake Farm, Kent, Wash.

NUBIANS

HARLO OF OAK DEN, by Chane of Scotchman's Folly; out of Heidi of Oak Den, daughter of Horus of Wheelbarrow Hill. R. E. Ogden, Sickeltown Rd., West Nyack, N. Y.

SCOTCHMAN'S FOLLY SLEET, by Chane of Scotchman's Folly, out of Nibbles of Red Barn. C. E. Leach, Columbia, Mo.

MYRA, Charmain and Lorelle sons. Stud fee \$50 each, Alfred Jelinski, 1302 Helix St., Spring Valley, Calif. (Note new address.)

BAB COR ACRES Sonny Boy, out of Sunlight of Fairfield. E. W. Patch, 2305 Stahl Rd., Akron 19, O.

SAANENS

SONNY BOY of Laurelwood Acres, former junior herd sire for Laurelwood Dairy, Chatsworth, Calif. Dam and 2 sisters qualified for Advanced Registry. Send for pedigree. Fee \$15. Dot Rogers, Caprice Farm, Burtonsville, Md.

HAREM ACRES Wild Hills Figaro II, by Wild Hills Sylvester; out of Wild Hills Deborah, daughter of Plinke's Miss Rebecca, AR ancestry. Mrs. Harry Sells, Chesterfield, Ind.

MILKYWAY SIEGFRIED, by Friar Faultless D., out of Milkyway Pansy. Daughters 4- to 6-qt. milkers. Bols d'Arc Lane Farm, Mrs. G. D. Wilkinson, Harlingen Rd., Harlingen, N. J.

CHIKAMING Don Juan's Ezra. Good pedigree. Fee \$10. Olin Van Fleet, Rt. 1, Clark's Summit, Pa.

TOGGENBURGS

STAR BUCK Chikaming Boliver Trump. Dam, 6 star milker Chikaming Jan's Jalna; 3128 lbs. Plan now. Send for pedigree. Doris Troobnick, Burke, Va.

FRENCH ALPINES

FRENCH ALPINE 4540, 7 months buck. Excellent bloodlines. Connally's, 20011 61st Pl. N. E., Seattle 55, Wash.

DEL-ARRE offers full brother to 8-qt. producer, grandson Malda Del Norte, Ciro de Navarre. Some excellent females, various ages, similar breeding, serviced by star buck. Your opportunity; over my limit. John L. Hensey, Washington, Ill. Peoria 3-6142.

FRENCH ALPINES only. A sure profitable buy. Star herd sire and does. Kid reservations accepted. None better in breeding or production. Dameway Dairy Goat Farm, Chattanooga 3, Tenn.

IF IN NEED of a fine young French Alpine buck please write, as we might have to offer just what you need and would like to get. F. W. Meyer, Long Lake, Minn.

A FEW MORE yearlings, kids and advanced Registry does. Circumstances force immediate sale. Romers' Internationally Famous Sunflower Herd, Admire, Kans.

BREEDERS: Safeguard your customer—register in American Goat Society, Mena, Ark., for proof of pure breeding.

LARGE, hornless, year-old, fertile French Alpine buck; registered in AMGRA. \$75. Mrs. A. Sechler, Barker, N. Y.

BUCK, DOES, KIDS. Excellent stock. Priced right for quick sale. McGovern, Rt. 1, New Bloomfield, Mo.

NUBIANS

APEX NUBIANS: Purebreds bred for vitality, production and beauty. Buck and doe kids from Brutus, Chikaming and Oakwood bloodlines. A beautiful black doeling bred Aug. 25. Also 2 excellent herd sires. See July issue. Write for pictures and reasonable prices. H. M. Butler, Lewis, Kans.

BREEDERS of top quality Nubian stock. Mountainbrook Budd, great, prepotent son of Theydon Viceroy, at stud. Budd kids sold by reservation. Some mature stock usually available. H. L. Showalter, Jr., Swamp Fox Farm, Chambersburg, Pa. Tel. Marion 15.

NUBIANS for sale: One 2-year-old buck N-11033 who has sired mostly daughters; 3 of his 8-months-old daughters. One 18-months-old bred doe, bred to Mountainbrook Theyroy. Cecil G. Estes, Rt. 1, Box 27, Crimora, Va.

KITMAR NUBIANS. Three purebred and 1 grade yearling does, bred for November and December freshening. Spring doe kids. Stud service by son of Budlett's Mariner. Mrs. James Pike, Central Ave., Cedar Brook, N. J.

SIX DOES, 1 doeling, 2 doe kids; all Burtlyn breeding. Three bucks, 1 a star. Will breed any doe to star buck. AMGRA to buyer. One buyer \$500. Singles shipped anywhere. Joseph M. Burrows, Rt. 2, Warren, O.

THE ORISKA NUBIANS: Young does (bred for February), daughters of Schoharie Hills Crispin Leland, from long lactation dams. Registered. Call weekends. Vernan James, Oriskany, N. Y.

ANCHOR LANTERN FARM Registered Nubians, superior milkers. Hardy, large. Farmers prices. Francis Gott, Pemaquid, Maine.

BUCK KIDS \$100 at 10 days old. Sired by sons of Myra, Charmain and Lorelle. Alfred Jelinski, 1302 Helix St., Spring Valley, Calif. (Note new address.)

CHANUBIAN HERD: Beautiful, growthy kids. Excellent breeding. Pictures and pedigrees on request. Mrs. C. W. Channel, Arcadia, Fla.

DUE TO changing places I am offering for sale my herd of registered Nubians: 14 does, ages 6 months to 7 years; 2 bucks. Kenneth Percell, Delphi, Ind.

LA NICHEE HERD offers 1952-53 registered Nubian kids. Write for description and pedigree. Lee D. Merrill, Rt. 3, Delaware, O.

CHARMAIN'S (4248 lbs.) full brother, February 1952. \$300. Alfred Jelinski, 1302 Helix, Spring Valley, Calif. (Note new address.)

BEGINNERS: If you buy purebreds, be sure they are registered in American Goat Society, Mena, Ark.

NUBIANS: Registered bucks, does, featuring type and production. (No Sundays.) Halls Fair Acres, Granada, Minn.

DOES, BUCKS: yearlings, kids. Fine stock, reasonable. Awake Herd, 1207 Sudekum Bldg., Nashville, Tenn.

FEW DOES still to be sold. Some milking, some kids. Chippewa Herd, Elmgrove, W. Va.

TOP YEARLING buck from champion Advanced Registry parents; only \$65. Q Herd, Gig Harbor, Wash.

SAANENS

REGISTERED, purebred Saanens and kids. Long lactation, up to 3167.1 lbs. in 365 days. Each mature doe has taken grand champion ribbon; each under different judge. Eugene Bond, 2037 Palisade, Wichita, Kans.

PUREBRED SAANEN fertile bucks, does, all ages; good milking strain. Inquire of Theoline Bee, Bee-Ridge Goatsery, Box 241, Greencastle, Ind.

SAANEN OWNERS: American Goat Society registry certificates are proof of pure breeding. Address, Secretary Weis, Mena, Ark.

SAANENS—the livewire breed. Write for sample copy monthly bulletin. National Saanen Club, Allan Rogers, sec., Burtonsville, Md.

Q HERD offers offspring of Advanced Registered, show and production champions. Bargains. Tiptop, long yearling buck. Gig Harbor, Wash.

ONE 18-month-old buck, 2 4-month-old bucks; all hornless Saanens, excellent breeding. Details on request. Lar-Gene Ranch, Emmett Jones, Goodland, Ind.

VERYFINE KEVIN, 2-year-old grandson of imported Thundersley Petrol. Price reasonable. Florence Denny, Aumaville, Oreg.

QUAKER HILL Saanens. Registered, purebreds for sale. Stud service. Mrs. Ruth Peckham, Portsmouth, R. I.

GRADE SAANEN milkers; healthy, long lactation; reasonable. A. E. Jameson, Rt. 1, Rhinelander, Wis.

HERD SIRE only left for sale. Purebred, young, good breeding. Helvetia Herd, Chester, N. Y.

THE PRODUCTION HERD of purebred Saanens. Bred for production. R. Froelich, Halstead, Kans.

TOGGENBURGS

TWO GOOD grade Toggenburg does, 18 months old; dam of one gave 2280 lbs. in 9 months, still milking 2 qts. daily after 18 months; other from 5-qt. milker. \$40 each. Also Spot, 18 months old, naturally hornless, proved fertile, son of Judy, our good 6-qt. doe; a beautiful animal and a buy at \$50 here or FOB in your crate. H. L. White, Maxwell, Neb.

GOOD GRADE Toggenburgs; hardy, good producers. No horns, sound, gentle. \$35 and \$40 each. Some fall fresheners. Photos on request; satisfaction guaranteed. From the highland evergreens of Northern Idaho. Monte Beggs, Deary, Ida.

FOR SALE: Six-year registered Toggenburg buck from high-producing stock. Increased butterfat test on dam-daughter comparison, from 3.5% to 4.3%. Also will sell 10 grade does, good milkers, bred. Florence Dupertuis, Rt. 4, Chehalis, Wash.

WOULD YOU BUY a buck that sires champions at 6 months of age? A fine animal; 3 years old; best of breeding, gentle, pedigreed; worth \$100. Can't use any longer; \$50 now. Seeing is believing. Roy Vantrump, Carrollton, Mo.

SPECIAL OFFER on excellent bucks from best bloodlines, extra good. Milker, short-haired, hornless; a few does also. An opportunity to add the best to your herd. Frances Steyer, Deerpark, Md.

STAR BUCK Chikaming Baron Boris T97271, 4 years old. Dam, 4 star milker Chikaming Jan Babette. \$115 FOB Waterloo in your crate. Harry Beilke, 901 East Ridgeway Ave., Waterloo, Iowa.

SHOW-WINNING Toggenburgs. All ages. Tell us your needs. Merrill Lemmon, Jamesville, N. Y. Syracuse phone.

TX DAIRY GOAT RANCH. Offering purebred Toggenburgs exclusively. Stud bucks. Dr. Wolf, Carthage, Mo.

WRITE American Goat Society, Mena, Ark., for help with your registry problems. It will pay you.

PUREBRED, registered Toggenburgs, all ages. No milkers. Bucks half price. Dr. Bernloehr, Brazil, Ind.

TOGGENBURGS, registered and grade, all ages. North Star Hot House, C. McCown, Froid, Mont.

SEVERAL BREEDS

ENTIRE HERD 30 head high producing stock. Milkers and bred yearlings consisting of registered Nubians and grade crosses. Bred for long lactation. Heart condition forces liquidation. Will sell separately. Priced within reason. Pine Acres Goat Farm, Don Wilkes, 2849 Meriwether Rd., Shreveport, La.

BEAUTIFUL Nubian doe Oakwood breeding, bred to son of Oakwood's Dutchess, by Milkeywhey Garry. Lovely, 5-qt., registered Toggenburg doe, reasonable. Kids from best bloodlines in spring. Make reservations early. Frances Townley, 72 S. 35th, San Jose, Calif.

MATURE PROVED BUCKS, Saanen, French Alpine, Toggenburg, Nubian; also junior bucks. Orders for spring kids. AR dams. No shipping. Eather V. Oman, Rt. 1, Box 51A, Soledad, Calif.

REGISTERED, purebred Saanens, Toggenburgs, Nubians, Alpines. Bucks, does, 1953 kids. Choice stock. Reasonable prices. Louis L. Gakle, Rt. 1, Ontario, Calif.

1952 SAANENS bred in August to Nubian (gallon-a-day dams). \$30 each. Boston broods, stud service. Keith's Kennels, Rt. 2, Peru, Ind. Ph. 5075.

SAANENS AND NUBIANS, purebred. Bred does, bucks, kids, \$35 and up. Bucks at stud. Clea Goat Farm, Box 958, Janesville, Calif.

DAIRY GOATS for sale. Yearlings and spring kids, both bucks and does. Mrs. Gerald Nelson, Rt. 1, Bloomer, Wis.

WE HAVE registered bucks of all four breeds. Also does and kids. Walnut Lane Goat Dairy, Harrison, Ark.

FRENCH ALPINE and Saanen-Alpine crosses. Good milkers. Bargain prices. Mrs. R. C. McBurney, Dows, Ia.

EXCHANGE

HAVE FOLDING type German camera with built-in, automatic self-timer. Also fine Swiss stamp collection in beautiful album, catalog value \$250. Want registered Saanens, or? Franz Heri, 755 East 8th N., Logan, Utah.

GOAT SUPPLIES

GOATS WORMY? Try Edghill Farms Goat Formula W. No starving, no drenching. Teaspoonful in the feed once each week. \$1 quarter lb. \$3 lb. Fred B. Keifer, Marshall, Ill.

METAL KICKER, plus wood training gadget, both postpaid, \$3.00. Correct foot-lifting in nervous milker. Turner Mfg. Co., Corning, Ia.

STOP test-sucking. Apply harmless, effective No-Test-Suk. Guaranteed. Send \$1 for ounce bottle. Sanident Company, Room 505, 108 W. Lake St., Chicago 1, Ill.

BEAUTIFUL woolen tie with Toggenburg head in natural colors. Background red, green, blue, yellow or grey. Postpaid \$3. American Supply House, Columbia, Mo.

WANTED

WANTED: Old copies of The Goat World for Jan. 1924, Oct. 1925, Nov. 1929; all of Volume I and all of Volume VI. Dairy Goat Journal, Columbia, Mo.

GOAT BREEDERS SOCIETIES

CENTRAL NEW YORK Dairy Goat Society members offer stock for sale, all breeds. Write for list. Membership \$1 per year. Mrs. Robert L. Harris, sec., Fabius, N. Y.

DOGS

REGISTERED BEAGLES, nice pets; and good rabbit hound, William Martin, Frances Bldg., Columbia, Mo.

RABBITS

RABBITS—Pleasure and profit by including domestic rabbit raising in your operation. Constant source of meat and fur. Learn about it in The National Rabbit Raiser Magazine. \$1 per year. Send for sample copy. Bellflower, Calif.

MISCELLANEOUS LIVESTOCK

CHINCHILLA, fur of the future. Start with the best. Selling ribbon winners; pair \$1,200 to \$1,500; males \$1,000 and up. Grand River Chinchilla Ranch, Rt. 1, Wixom, Mich.

SEEDS AND NURSERY STOCK

KING RANCH Bluestem and the new Buffel Grass. Immediate delivery to your station. Guy Hutchinson, Uvalde, Texas.

BOOKS AND MAGAZINES

THE BIGGEST BARGAIN of the year! Now you can subscribe to Country Gentleman, the nation's leading general farm magazine, for 17 full months for only \$1—little more than 5c a copy! Authoritative articles on livestock, poultry, crops, dairy, plus hundreds of profit-making, cost-saving ideas. Four separate geographic editions cover the latest news of your local markets, problems, conditions. Country Living section offers features on home remodeling and repair, style news, gardening, foods. Send your dollar today to Curtis Circulation Co., Dept. 948, Independence Square, Philadelphia 5, Pa.

IF SICK or ailing there is help in herbs. A wonderful book on herbs for every sickness; even tells how he cured cancer with herbs. Use it 5 days; if not satisfied return; your money refunded. We carry health foods, electric juicers, hand and electric grinders. Send stamp for folder. Grose, Box 699, Lodi, Calif.

REAL ESTATE

FOR SALE: Ten acres with improvements in thriving community; 30 rods to fishing river, 5 miles to depot town, 20 miles to big factory town. Here's a good dairy goat set-up. Priced at \$5,000. Joe C. Bornreger, Fairbank, Ia.

FOR SALE: 80 acres, half in timber. Modern house, new small barn; other buildings; on gravel road 1½ miles off U. S. 54. McGovern, Rt. 1, New Bloomfield, Mo.

MISCELLANEOUS

STAINLESS STEEL sauce pans, 2 qts., \$7.50; 3½, \$8.50. Six-qt. dutch oven, \$14.50. Pressure cookers, pails, skillets, bowls. Major Company, 226 Durant, Springfield, Mass.



Advertising is an essential investment in your business . . . one that returns itself many times to you. Only through sales can your profits come—and you can make more sales with less expense by regular advertising in Dairy Goat Journal.

When established breeders want to improve their herds they buy from advertisers in Dairy Goat Journal.

Dairymen needing increased milk production turn to Dairy Goat Journal ads to buy additional stock.

Novices read the ads in Dairy Goat Journal to make their purchases.

In fact, nearly everyone wanting to buy anything in the dairy goat line depends upon Dairy Goat Journal advertising.

PROFITS FOR YOU

You can have this good business with your ad in each issue of Dairy Goat Journal. Each month the growing circulation of Dairy Goat Journal brings you more and more of these sales.

LOW COSTS, TOO

It cost so little, too—a guarantee of more than 15,000 circulation means it costs you but a tiny sum to reach each reader. And there are liberal discounts for space and for consecutive insertions under the special breeders rate. Look at the savings for you:

Breeders Display Advertising

Full page (30 in.)	\$70
Half page (15 in.)	40
Third page (10 in.)	30
Sixth page (5 in.)	15
Tenth page (3 in.)	9
Fifteenth page (2 in.)	8
Thirtieth page (1 in.)	4

EXTRA SAVINGS for contract advertising: 10% discount for 6-month contract; 20% discount for 12-month contract. Cash with order—otherwise ads earn commercial advertising rate. All ads on even inches only.

FREE ILLUSTRATIONS—No additional charge for making halftone cuts from advertiser's photos for use in ads. Cuts furnished one column in width or more as required.

Send your order now for the next issue!

DAIRY GOAT JOURNAL
Columbia, Mo.

THE IDEAL GIFT This Holiday Season

for that

"Goat Breeder"

from which he'll get benefits
for 12 months

an AMGRA Membership

For particulars write

THE AMERICAN MILK GOAT RECORD ASSOCIATION

R. W. Soens, sec., Box 30, Elyria, O.

"Serving the Dairy Goat
Industry since 1904"

Hey! Hay's High

Yes, feed is expensive. You can't afford to be without the best stock you can buy, for it gives greater returns for feed consumed and effort expended.

We sincerely believe we are offering the finest stock available anywhere at any price. Stock with the Chevonshire prefix will prove a distinct advantage to your herd.

TOGGENBURGS • SAANENS NUBIANS • FRENCH ALPINES

We have choice purebred buck and doe kids in Saanens and Toggenburgs; a few French Alpine buck kids—Nubians all sold. Prices always reasonable! Write for full information in breed of your choice.

Chevonshire Farms

Producers and Processors of
QUALITY GOAT MILK

IRA D. PEEL, owner

17681 East Valley Blvd., Puente, Calif.

LAKE-LAND FARM TOGGENBURGS & FRENCH ALPINES

Kids of both breeds. A bargain in mature Toggenburg buck, 2 years old, out of star doe.

Frank A. Long Rt. 3 Box 503A
Texarkana, Tex.

Brown's

POWDERED GOAT MILK

1 lb. tin makes 5 qts., \$2. One case, 24 lbs., \$36. Shipments prepaid in USA.

BROWN GOAT FARM
Menomonie, Wis.

CONCLUSIONS

D. Y. C. E. L. E. A. C. H.

We receive many requests about the use of goat milk in infant feeding. In addition to the leaflet we publish on infant feeding, the following is taken from an article written more than 30 years ago by the late Dr. Tom Sawyer of Kansas City.

"In using goat milk for infant feeding I modify with dextri-maltose. It has the following advantages over other forms of sugar used for this purpose. Maltose is 100% more assimilable than either milk sugar or cane sugar, i.e., the infant can assimilate twice as much dextri-maltose as either milk sugar or cane sugar before reaching the limit of sugar tolerance.

"Dextri-maltose is less likely to produce diarrhoea than either milk or cane sugar, and as a rule it produces a quicker gain in weight than other forms of sugar.

"The addition of dextri-maltose to an infant's diet supplies carbohydrate in the form requiring the least amount of energy to digest and is important for these reasons — the maltose is quickly available for energy, the dextrin requiring conversion to sugar in the intestines is less quickly absorbed than maltose, therefore the dextrin acts as a safeguard against the danger of flooding the organism with sugar.

"There are some babies that can digest goat milk at a very early age and thrive on raw milk without modification, but many things happen to upset the normal digestion of babies.

"The things that more commonly happen manifest themselves in attacks of diarrhoea, vomiting and constipation, and it is for this reason that I am trying to help the goat milk consumer in the successful use of goat milk in feeding their babies.

"Before suggesting what is to be done, let us consider the most prominent causes of upset digestion—overfeeding and underfeeding. Overfeeding ranks with wrong feeding as being one of the most common causes of indigestion and irregularity in infants. Baby is fed because he cries, the mother often overlooking the fact that he often cries because he is fed too much. Well-meant advice from relatives and friends assist in making the feeding excessive and irregular, with dire consequences to the little one. Like an overfed stove, an overfed baby cannot function properly. An infant requires a certain amount of balanced food in proportion to his age and weight and no more.

"Underfeeding: Occasionally a baby is underfed, which is shown by a persistent loss in weight with scanty stools. The remedy for underfeeding is to follow the same rule that is applied to overfeeding, i.e., select a good dairy goat and modify the milk by using dextri-maltose while the

baby is young. After your child has passed the eighteenth month you can use the milk straight or you can use the goat milk without modification provided your baby is free from diarrhoea, vomiting or constipation.

"We have two types of diarrhoea in babies under 6 months of age which are due to sugar fermentation. The diarrhoea of babies over 6 months of age may be either putrefaction or fermentation.

"Fermentative diarrhoea almost always occurs in infants who have been fed on a high sugar or starch diet, and usually gives rise to inflamed buttocks and chafing. The treatment is to stop all sugar and feed 1-3 milk and 2-3 water; boil the feedings. Boiling has 2 important results; first it sterilizes the milk by destroying bacteria, dangerous when the infant's resisting power is low; second, boiling changes the character of the casein of goat milk so that it breaks down into a softer, more flocculent curd. In fact, the curd of boiled goat milk resembles very closely the curd of mother's milk and is thus more easily digested by the sick baby.

"While it is extremely important to boil infant feedings under the above named conditions, still it should be understood that under ordinary conditions, pure unboiled goat milk for babies is preferable.

"I have also found it valuable to give babies $\frac{1}{2}$ to 1 oz. of orange juice twice or 3 times weekly, when the feedings are boiled, for 3 or 4 weeks.

"Putrefactive diarrhoea occurs in infants who have been given strong milk mixtures with little or no sugar or starch in them and is caused by bacteria which thrive on protein. The addition of dextri-maltose after a diet of barley gruel for 2 or 3 days will correct this condition.

"Vomiting or spitting up when occurring a half-hour or more after feeding is almost invariably due to excess of either fat protein or sugar in the diet. To correct, feed 1-3 milk, 2-3 water boiled together for 3 minutes. After 2 or 3 days add dextri-maltose in small quantity until baby is getting the proper proportions. If vomiting occurs suddenly, immediately stop all food, clean out the intestinal canal and give a few ounces of water with a small quantity of soda until baby is able to retain plain water for several hours.

"Constipation in the bottle fed baby is usually caused by errors in diet. The most common are: Too high fat content, and food deficient in solids. Having decided the reason, change the diet in manner best calculated to eliminate the cause.

"Fat constipation is corrected by giving a temporary feeding of

Approved for Point IV

One of the two books on goatkeeping approved by the Point IV program for use in America and abroad is

Dairy Goat Husbandry and Disease Control

• By C. E. LEACH

It's a well-illustrated book to make even more understandable its 164 pages of useful text. It deals with the everyday problems of caring for your goats, and then gives page upon page of instructions on the less common problems—the sicknesses and diseases that may affect your goats.

Allan L. Rogers, well-known importer and exporter, calls it "the answer to many a goat breeder's prayer."

Mrs. Grover Dalton, Nubian breeder, writes: "I couldn't get along without it. It is the best yet!"

... and you, too, will find it useful, practical and always helpful.

Order your copy now
\$3.50 postpaid

DAIRY GOAT JOURNAL
Columbia, Mo.

The British Goat Society's Year Book for 1953

Living up to its high reputation of past years, the new edition is a treasure of important and useful information on goatkeeping, plus 56 illustrations of England's best goats.

A limited number of copies are available in America

Price \$1.50 postpaid

A few copies of the 1952 Year Book are also available at \$1.50; and a few copies of the 1946 Year Book at \$1, postpaid.

DAIRY GOAT JOURNAL
Columbia, Mo.

skimmed goat milk and dextri-maltose number 3, and gradually adding the cream to the mixture until the baby's tolerance for fat is reached, and when constipation is due to a food deficient in solids, increase the strength of the milk mixture.

"The amount of food needed by individual babies varies with their nutritional conditions, the amount of energy they expend and with the heat they lose. The loss of heat by the individual bears a direct proportion of his body surface to his weight. Inasmuch as the body surface is greater on a fat baby, he requires more food. I unhesitatingly put a baby on goat milk whether he be fat or thin.

"All utensils in preparing the baby's feeding should be kept scrupulously clean. The nipples should be boiled a minute at least once a day. Nipples are spoiled by being allowed to soak in water. When not in use they should be kept dry in a covered jar. The bottles should be thoroughly rinsed before the feedings are put in—the feedings should be heated to 100° before feeding the baby and the baby should not be rocked while taking food.

"As a general rule, in making up milk formulas I use 2 oz. goat milk, 10 oz. boiled water to 3 tablespoonfuls of dextri-maltose for each pound of the baby's weight and divide this into 10 feedings for the first 2 months, 8 the second 2 months and 6 feedings a day for the next 6 months. Just for example: Say the baby weighs 10 lbs. at about the end of the second month, I would give him 20 oz. goat milk, 10 oz. boiled water, 3 tablespoonfuls of dextri-maltose divided into 10 feedings (a bottle every 3 hours).

"An ounce of milk added and an ounce of water deducted for each month of the baby's age will gradually bring him to whole milk by the time he is 2 years of age. In most cases straight goat milk can be used after the baby is 1 or 2 months.

"I would like to see a registered dairy goat in every home where there is a baby and I am willing to be one to recommend milk from the goat in feeding babies."

—CONCLUSIONS—

How big is the dairy goat industry? In the United States it runs into millions of dollars worth of business. There are probably several million does in the United States capable of producing 1000 lbs. or more of milk during a lactation. It would probably be a very conservative estimate to place the value of those does at \$250,000,000 and this does not take into consideration the young stock and bucks. Sounds like a pretty husky infant, doesn't it? One of the national associations set aside less than a hundred dollars last year for advertising and that was to publicize the organization and not goats. I believe the receipts of this association were somewhat above \$5000. If the two associations would unite and take the receipts for publicizing goats we would be making progress; though \$5000 is far too small to publicize an industry the size of the dairy goat industry.

BREEDERS Directory

Breeders listed are those who usually have quality stock to offer for sale. Those indicated "•" also have bucks at stud. Check this list to locate the breeders of your favorite breed—it is your assurance of value when you buy from advertised breeders.

CALIFORNIA

- MAYRU, Virginia and Rupert Allen, Rt. 1, Box 27, Pleasant Grove, Calif.
- DOLLY-MARK RANCH, Dolly & Mark Rose, 416 Horn Ave., Santa Rosa, Calif.
- DOLLY-MARK RANCH, Dolly & Mark Rose, 416 Horn Ave., Santa Rosa, Calif.

CONNECTICUT

- FOUR WINDS, Mr. and Mrs. Madison Sayles, Rt. 1, Box 394, Norwalk, Conn.
- IRADELL HERD, Mrs. N. Clarkson Earl, Jr., West Mountain Rd., Ridgefield, Conn.

INDIANA

- LAR-GENE RANCH, Emmett Jones, Goodland, Ind.

MARYLAND

- TWILIGHT HERD, H. W. Mumford, Jr., Rt. 1, Gaithersburg, Md. (At Woodfield.)

MISSOURI

- LEACH, C. E., 14 West Blvd. S., Columbia, Mo.

NEW JERSEY

- HOMESTEAD NUBIANS, Mary W. Sondern, Ironia Rd., Mendham, N. J.

PENNSYLVANIA

- TWIN VALLEY HERD, Mrs. Walter M. Sherer, Rt. 2, Manheim, Pa.

TEXAS

- SCOTCHMAN'S FOLLY, S. W. and E. N. McIntosh, 4811 Maple St., Bellaire, Tex.

- KA WAYNE SAANEN RANCH, Ave. G, P. O. Box 638, Ozona, Tex.

WASHINGTON

- WEST HILL NUBIANS, Jane McLaren, Bothell, Wash.

- MCCORMICK, W. F., 123 South Ball St., Mount Vernon, Wash.

WISCONSIN

- CLOVERLEAF GOAT DAIRY, George Reuss, Janesville, Wis.

Opportunity

For person of ability, capital and love for dairy goats to build and develop a modern goat dairy near vast potential market.

22-acre farm in beautiful hilly country only 55 miles from New York City; extra dwelling units on property can be developed into summer resort or health farm as adjunct to dairy.

Will sell property; or will consider associate or partnership arrangement, references to be exchanged.

Write Box DH, Dairy Goat Journal
Columbia, Mo.

TOGGENBERG - FRENCH ALPINE - NUBIAN
FOR MORE MILK
USE
N HERDSIRES
T GRASSLAKE FARM H

Feed the dry doe for vigorous offspring



"I've found it pays to feed the doe Purina Goat Chow right on through her dry period," says C. E. Watson, of Tucson, Ariz., as he proudly looks over this promising kid.

Nature provides . . . and the dry period is the time set aside for the doe to use her strength to produce healthy offspring.

To do this job she needs a special body-building feed. She needs a ration that provides lots of vitamins—A, D—and a good blend of proteins.

Purina Goat Chow has been developed through years of research to provide these needs. Buy it . . . feed it to help you get finer offspring. Call on your local Purina Dealer today.



RALSTON PURINA COMPANY
St. Louis 2, Missouri